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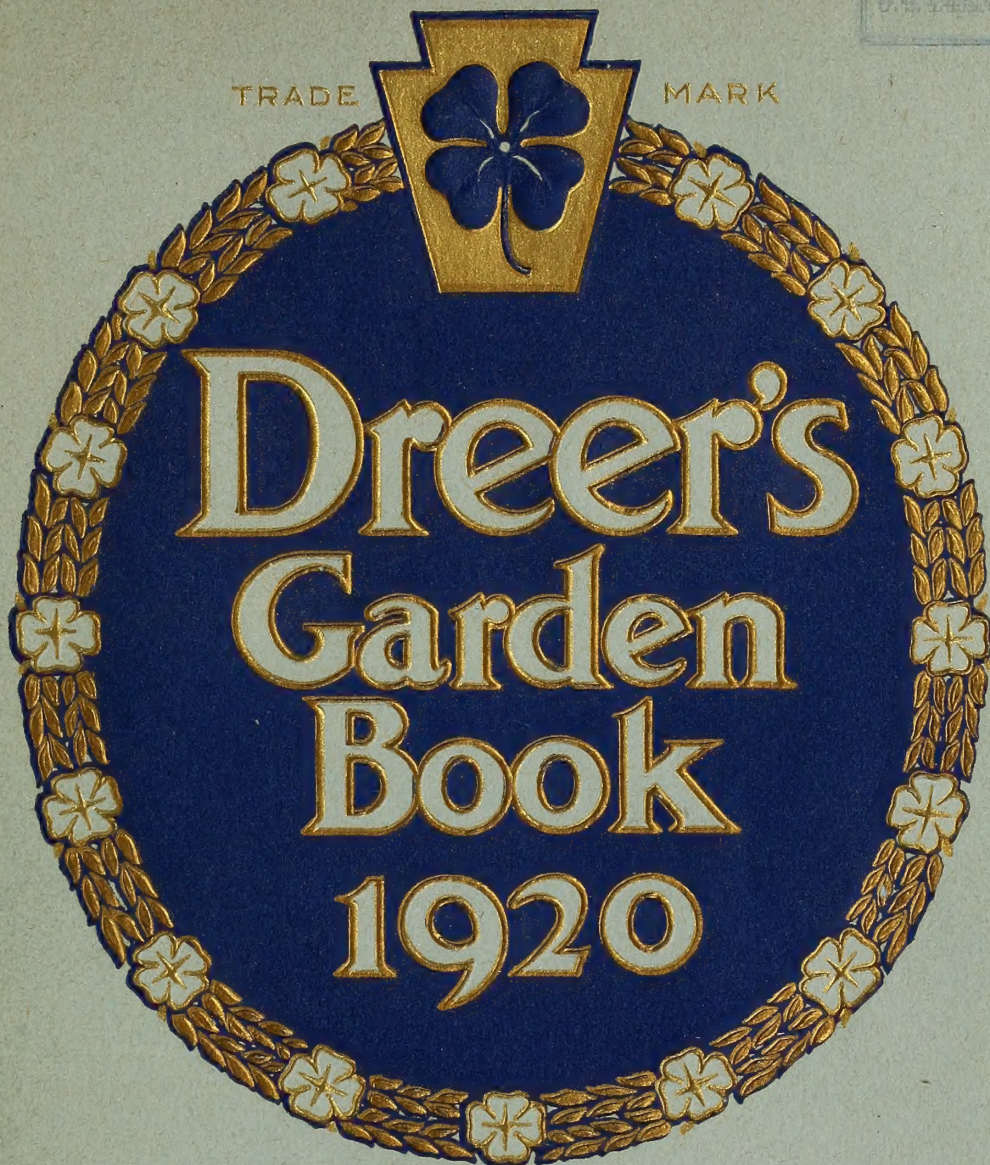
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EIGHTY SECOND ANNUAL EDITION



HENRY A. DREER
714 - 716 CHESTNUT ST.
PHILADELPHIA, PA.

General Directions to Customers

PHILADELPHIA, JANUARY, 1920

The attention of our customers is respectfully called to the following directions, which will if followed, be an aid to purchasers as well as ourselves

ORDER EARLY.—We aim to execute all orders as soon as received, but during the rush season in April and May delays are unavoidable, which, however, can be partly overcome by our patrons anticipating their wants and ordering and taking delivery of their requirements early.

FORWARDING.—We deliver, postpaid to any Post Office in the United States, Vegetable and Flower Seeds in packets, ounces, and pounds, except where otherwise noted in the Catalogue. Agricultural Seeds, Implements, and other heavy and bulky goods are sent by Express or Freight at purchaser's expense.

Plant orders should be separated from Seed orders; the departments are separate, but shipments of seeds, plants, etc., are made in one parcel where it is practical to do so, or where such combination will save our customers additional charges. Further instructions regarding the forwarding of plants will be found on page 117.

All Plants, Roots and Bulbs are forwarded by Express, purchaser paying charges.

For those of our customers who live at a distance from an Express Office, making it more convenient for them to receive their goods by Parcel Post, we will be pleased to forward in this manner such plants as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs:

To all points east of the Mississippi River, 10 per cent extra.

To all points west of the Mississippi River, 20 per cent extra.

CANADIAN SHIPMENTS.—Vegetable and Flower Seeds in packets and ounces are sent postpaid. All other goods are sent by Express or Freight, purchaser paying all charges. We can also send to Canada by Parcel Post packages weighing under 4 pounds 6 ounces. Customers wishing their orders sent in this way must remit 12 cents per pound for seeds, and 20 per cent of the value of orders for Plants, Bulbs and Roots to cover postage and special packing. Roses, Shrubs, Hardy Vines and Small Fruits cannot be sent by mail to Canada. These can only be sent by Express to permit of their being fumigated by the Canadian authorities.

LOCAL DELIVERY.—We deliver goods free in Philadelphia. We also deliver free of charge by Package System (Baggage Master) to all points where this system is in operation such goods as will be received by them, and weighing not in excess of 50 pounds when packed.

PACKING.—No charge is made for boxes or packing on Express or Freight shipments, nor for delivery to Freight Depots or Express Offices in Philadelphia; the extra cost of packing Parcel Post shipments is included in the 10 and 20 per cent charge noted above.

SAFE ARRIVAL OF PACKAGES.—We guarantee the safe arrival of all goods sent by Express or Mail to points within the United States. If a package sent by Express or Mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Frequently it happens that orders never reach us or are without signature. When customers fail to receive their packages in a reasonable time they should inform us and at the same time send a copy of their order and any other information necessary to trace the goods. Claims for damage must be made on receipt of goods. We do not hold ourselves responsible for failures after delivery of the goods in good condition.

ERRORS.—We exercise the utmost care in filling orders, striving to do a little more than we offer; yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

REMITTANCES should be made by Post Office Money Order, Drafts on Philadelphia or New York Banks or Express Money Orders. We disclaim all responsibility when remittances are not made as above directed. Where it is not possible to obtain these, the letter should be registered. Postage stamps will be found a convenient method of remitting for small amounts and can be used by us to advantage. Coin should not be sent by mail.

CASH WITH ORDER.—Please send money with the order sufficient to cover the whole bill. We decline sending goods "Collect on Delivery," unless remittance be made on account to guarantee acceptance.

NAME AND ADDRESS.—Please remember to write on each order your **Name, Post Office, County and State**; also give number of Street or P. O. Box as distinctly as possible; also the **nearest Express Office**; or, if on a Stage Route, send us special directions, giving us the name of the Express Company delivering goods.

CATALOGUES.—We send our customers three catalogues annually, viz.: Garden Book in January, Midsummer Catalogue in July and Autumn Catalogue in September. Customers having more than one address will oblige by stating to which address they wish the Catalogues mailed.

NON-WARRANTY.—Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought, that it is to our best interests to send out only such stock as will not only grow but prove true to name and description.

CORRESPONDENCE.—We try to give prompt attention to all proper letters of inquiry, etc. We ask, as a favor, that all questions be stated clearly and briefly, and not on order sheets; also that as few inquiries as possible be sent in during April and May, at which time we are overtaxed with the business which is necessarily crowded into these two months.

VEGETABLE SEEDS

All Vegetable Seeds are sent post-paid except where noted in catalogue and are forwarded on receipt unless instructed to the contrary.

PLANTS AND BULBS

All orders for Plants and Bulbs are forwarded on receipt. We take it for granted that anyone ordering stock out of season has facilities to take care of same. If you wish the shipping delayed, mark in the space below the time at which you wish same forwarded.

This Order To Be Shipped

[illegible]

714-716 CHESTNUT ST.
PHILADELPHIA, PA.

[illegible]

FROM.....

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HERE

HENRY A. DREER

SEEDS, PLANTS AND BULBS

714-716 CHESTNUT STREET

PHILADELPHIA, PA.



THE AMERICAN ROSE SOCIETY was organized in 1899 "to increase general interest in the cultivation and to improve the standard of excellence of THE ROSE FOR ALL THE PEOPLE." It holds several annual national exhibitions, at which prizes are awarded for the best Roses.

It encourages local exhibitions, and has affiliated with it many Rosé societies. It supervises five Rose test-gardens—in Hartford, Ithaca, Minneapolis, Washington, and Portland. All new Roses of value are registered with it, and its Medals are highly prized as an evidence of especial merit. Its membership includes interested rose growers and amateurs all over America.

Most of all, it issues only for its members THE AMERICAN ROSE ANNUAL, the authoritative record of American Rose progress, which is needed by every Rose-lover in America. Membership at \$2 per annum brings this fine book and other publications of the Society, with tickets to its exhibitions. Previous Annuals for 1916, 1917, 1918, and 1919 form an invaluable rose library.

FOR MEMBERSHIP DETAILS, SEE OTHER SIDE

PLEASE BE SURE THAT ORDER IS
SIGNED AND FULL ADDRESS GIVEN

THE AMERICAN ROSE SOCIETY

ROBERT PYLE, President

E. A. WHITE, Secretary, Ithaca, N. Y.

THE AMERICAN ROSE ANNUAL, edited by J. Horace McFarland, and published about March 1, each year, at Harrisburg, Pa., is a handsome full-bound book of 184 pages, with many illustrations in color and sepia. It includes only original and interesting information as to the world's rose progress.

E. A. WHITE, Secretary, Ithaca, N. Y.

Date _____

I enclose \$2 to pay for Annual Membership in The American Rose Society for 1920. I expect to receive from you a membership card for 1920, available to secure free admission to all Exhibitions in which the Society participates.

After March 1, 1920, I am to receive the 1920 American Rose Annual above described, as well as any other publications of the Society during the year.

☛ If I enclose \$3, the additional dollar is to pay for a copy of the 1919 Annual, to be mailed to me at once.



A ROSE FOR EVERY HOME
A BUSH FOR EVERY GARDEN

Name _____

Local Address _____

City and State _____

1

Dreer's Garden Book

for 1920

EIGHTY-SECOND ANNUAL EDITION

FROM a small beginning eighty-two years ago, this business has developed into one of the **largest and most complete Seed, Plant and Bulb Establishments in the World.** This has been accomplished by supplying the best grade of goods obtainable and by a strict adherence to the broad principle of giving all purchasers the full worth of their money.

As is well known, many varieties of seeds and bulbs are imported from Europe; and while the war is over, labor and transportation conditions have not as yet become normal, and there is almost sure to be delays in the arrival of a few items.

We have also been seriously hampered for lack of help here. Under these conditions, it will greatly aid, if our customers will send in and take delivery of their orders as early in the season as possible.

We call the special attention of our customers to the notes regarding the ordering and forwarding of Plants on page 117.

We take this opportunity of thanking our many customers for their generous patronage in the past, and to assure them that we will continue to do all in our power to merit a continuance of their confidence, **and that we aim to give every order, no matter how small or how large, prompt and careful attention.**

The offerings of the various Departments will be found in this book in the following order:

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Store and General Offices, 714-716 Chestnut Street, Philadelphia

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Carrot, 5, 9, 21	Grasses, Lawn, 45	Onion, 8, 32, 33	Scorzoner, 40	Witloof, 5
Catnip, 29	Grasses, Pas- ture, etc., 45, 46	Onion Sets, 33	Sea Kale, 27	Wormwood, 29
Cauliflower, 20		Parsley, 34	Soja Beans, 49	
Celeriac, 23		Parsnip, 37	Sorghum, 50	
Celery, 5, 6, 22				

EARLY MODEL BEET

A fine selection of blood-red Beet, extremely smooth, fine rich color and desirable shape, and makes a rapid growth, maturing very early. It is globe-shape, the color of flesh a rich blood-red and of most excellent quality, being sweet, tender and free from coarseness. The tops are quite small, making it a fine variety for forcing in hotbed, and it retains all the good qualities either when grown under glass or out- side. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

DREER'S "WONDER"

BUSH LIMA BEAN

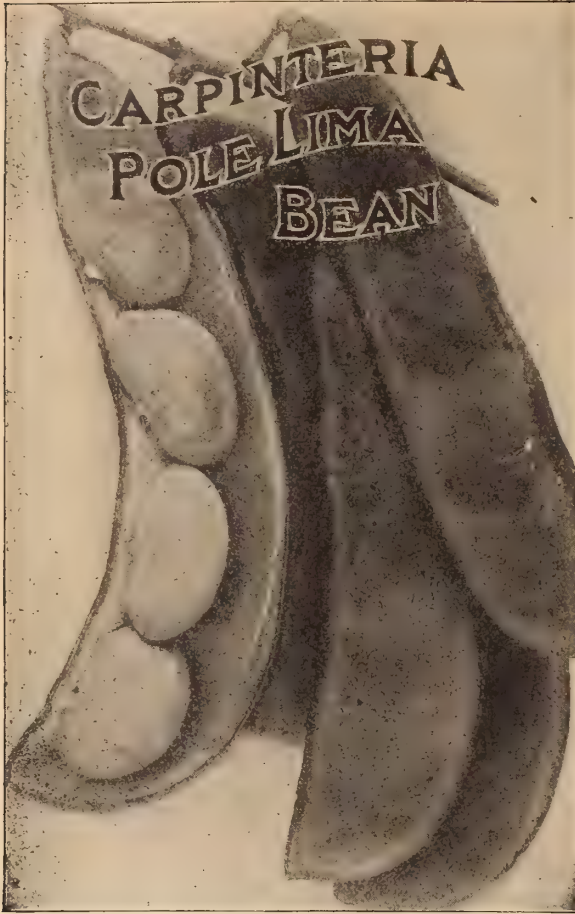
This variety of Bush Lima Bean is very desirable on account of earliness, productiveness and its fixed habit of growing in the dwarf or bush form. The plants are of strong, up- right growth, and are completely covered with large pods, many of which contain four beans, which are fully as large as the pole limas. The beans are flat in shape and of ex- cellent quality. A customer writes that we can well call it "Wonder," as he planted as late as May 30, and not only had all the Lima Beans he wanted, but also supplied his neighbors with what they required. Pkt., 10 cts.; by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if wanted by Parcel Post add as stated on page 15); 10 lbs., \$3.50.

KENTUCKY WONDER

WAX POLE BEAN

A yellow-podded "Kentucky Wonder," which bears a large quantity of rich, golden-yellow pods from the time the plant is about half grown until it is killed by frost in the fall. The plant makes a quick, healthy growth, and, like the "Kentucky Wonder," it is exceedingly productive, bearing large pods, which are thick, meaty, stringless, very tender, and have a fine flavor when cooked. This variety is bound to gain in flavor, both for the home garden and for market, as it is decidedly extra early and the pods grow uniform in size, shape and color. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if wanted by Parcel Post add as stated on page 15); 10 lbs., \$3.50.





CARPINTERIA POLE LIMA BEAN

The Beans of this splendid pole lima have a greenish tint when ready for use, which is an indication of good quality. Vines are vigorous and make strong growth, producing large quantities of pods, containing four large Beans, which are thicker than the ordinary lima. The Beans cook nicely, and being thin-skinned are exceedingly tender and of fine flavor. The originator, who is a skillful grower, claims that the "Carpinteria" is the most perfect lima Bean ever introduced. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if wanted by Parcel Post, add as stated on page 15); 10 lbs., \$3.50.

KEENEY'S STRINGLESS REFUGEE BEAN

The originator of this strain of Green-pod Refugee worked for over twenty years to get the string out of the old Thousand-to-one Refugee Bean. The plant grows to a large size and is enormously productive, one plant having borne 56 well-developed pods and 16 small ones, and had the earlier pods been picked as soon as suitable for use this plant would doubtless have produced over 100 good pods. The shape of pod is round, size medium to long, slightly curved, medium green in color, and very brittle, remaining so until nearly old enough to shell. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if wanted by Parcel Post, add as stated on page 12); 10 lbs., \$3.00.

COPENHAGEN MARKET CABBAGE

This excellent variety from Denmark will command the attention of those who grow for early market, as well as the private growers who desire an extra early, round-headed Cabbage which can be depended upon for making large solid heads at an early season. The heads are grown upon a remarkably short stem, are solid and large in size, weighing 10 to 12 pounds, with light green leaves and of good quality. It is the largest of the early round-headed varieties, and its habit of growth allows of its being planted close together in the field or garden, thereby producing a larger number of heads to a given area, a feature which is very important in growing this vegetable. Pkt., 15 cts.; oz., 75 cts.; ¼ lb., \$2.50.

DANISH BALL HEAD CABBAGE

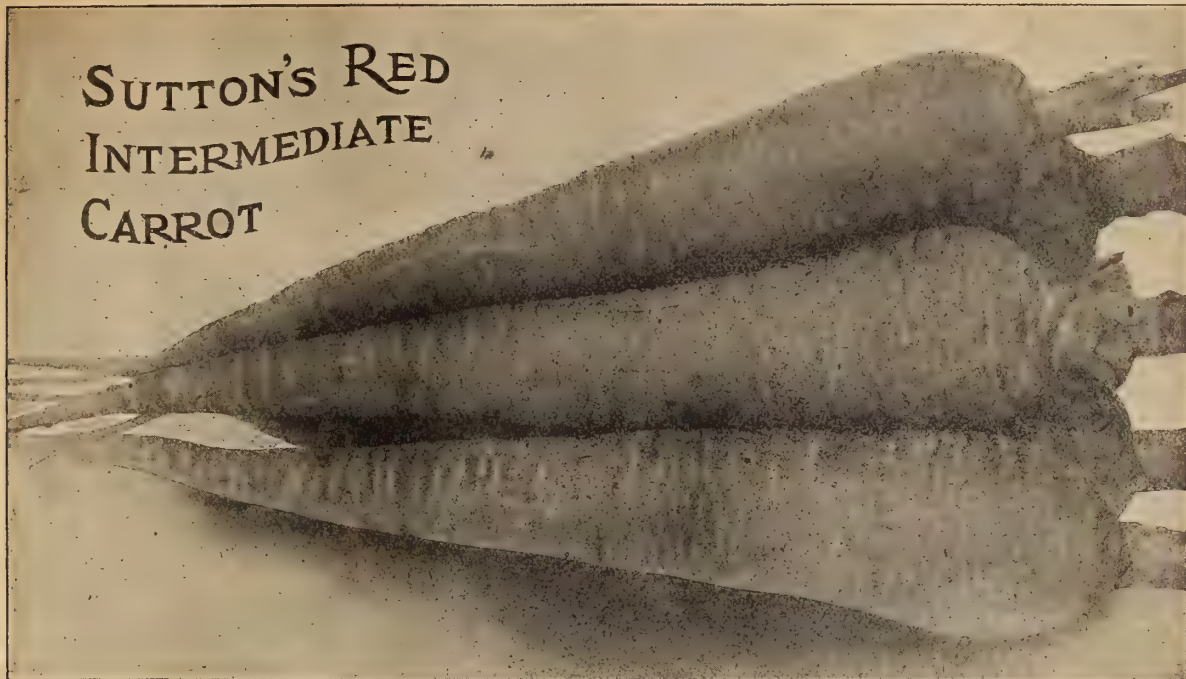
This extra hard-heading Cabbage is also known as "Hollander." It is a medium or late variety, but is mostly used as a winter Cabbage. Medium size, round head and a fine keeper. The strong growth of this variety enables it to withstand dry weather well, and its remarkably good keeping quality make it an extremely valuable Cabbage for storing away for winter use. Danish grown seed of this variety is most desirable, but during the past two seasons the supply was greatly reduced. We can now furnish seed which was grown for us by a reliable seed grower in Denmark and which is superior to seed produced anywhere else. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$2.00.

DANISH ROUNDHEAD CABBAGE

Matures earlier than the Danish Ball Head. The heads are round, have a short stalk, and are very hard. The interior leaves are pure white and of sweet flavor. It is a healthy variety and able to stand hot weather and resist disease. The heads, although making quicker growth, are fully as large as "Ball Head" and equally as good in every way, keeping well during the winter, and of excellent quality. It is well adapted for growing in the garden and produces Cabbage for both fall and winter use. The seed we furnish was grown in Denmark. Pkt., 10 cts.; oz., 60 cts.; ¼ lb., \$2.00.



SUTTON'S RED INTERMEDIATE CARROT



SUTTON'S RED INTERMEDIATE CARROT

This variety of Carrot is of English origin, and its handsome shape, rich red color and fine quality appeal to all who plant it. The Carrots grow to a desirable size, being between the half-long and long varieties, and are very uniform. The shape is most desirable, tapering to a decided point, and the quality is excellent, being sweet and tender. This Carrot will surely prove satisfactory to all who plant it in their garden this year. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

WITLOOF CHICORY, or FRENCH ENDIVE

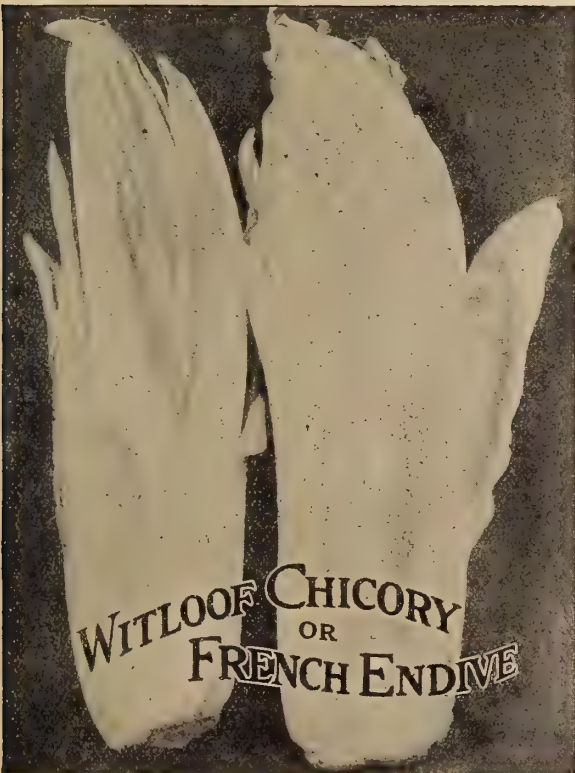
During the winter this is sold by dealers in fancy fruits and vegetables as "*French Endive*," and the large demand for it has caused considerable inquiry regarding its culture. In order to grow good "Witloof" the seed should be sown during June in the open ground, in drills 10 or 12 inches apart, in deep, rich soil. Allow the plants to grow until November, keeping free from weeds and watering if necessary. Then take up the roots and trim off the leaves to about 1½ inches from the neck, break off any shoots which may appear on sides of root, and shorten lower end so that all will be of a uniform length of 8 to 10 inches. Then plant in a trench 16 to 18 inches deep, placing the roots upright, about 1½ inches apart. This will leave the necks of the roots about 8 inches below the level of the ground. Fill up the trench with good, light, well-drained soil, and, if speedy growth of any portion of the crop is desired, it may be accomplished by covering with a layer of manure at least 16 inches deep. In about 4 or 5 weeks the leaves will attain their proper size, and the manure may be taken off and the roots dug up. The blanched head is the edible portion, and should be cut off, leaving a portion of the neck attached to it. Witloof is eaten raw or as a salad, and is also sometimes cooked like ordinary Endive. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

COLUMBIA CELERY

An exceptionally fine early variety, which for size and shape is unsurpassed. The plant is of medium height, but very stocky, foliage is a light shade of green with yellow tinge, and the stalks are thick, almost round, and resemble Giant Pascal in shape, but are of a rich, yellow color, similar to the well-known Golden Self-blanching, which it resembles when trimmed and bunched. It matures early, and its exceedingly fine flavor and crispness will please even the most critical. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.50. For Plants see page 210.

WINTER KING CELERY

An attractive feature of this variety is that while the outer stalks are green, it naturally produces many golden hearts, which are crisp, very tender and of excellent flavor. It is one of the best of the winter-keeping Celeries, and may be allowed to remain in the trench for a long time, and will come out in first-class condition, solid and free from rot. The plants make a strong growth and are very easy to blanch, which is a decided advantage to the amateur. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.50. For Plants, see page 210.



WITLOOF CHICORY
OR
FRENCH ENDIVE



EASY-BLANCHING CELERY

A Celery with remarkable easy-blanching characteristics, so much so that those who have never been successful in growing good Celery may plant it with the assurance that the crop will equal in quality and appearance Celery grown by the professional growers, and it will be found useful both for early use and for keeping during the winter, characteristics extremely valuable in a Celery to be grown in the home garden. The plants make a quick, healthy growth and the stalks are thick, very tender and brittle, with a rich flavor which will quickly appeal to all who eat it, and the ease with which it may be blanched, together with its long season for use, will strongly recommend it both to the amateur gardener as well as the commercial Celery grower. Pkt., 20 cts.; $\frac{1}{2}$ oz., 85 cts.; oz., \$1.50; $\frac{1}{4}$ lb., \$4.50. For plants see page 210.

GOLDEN CREAM

SUGAR CORN

This very desirable variety of Sweet Corn is a cross of Country Gentleman and Golden Bantam, taking on the character of the former variety, except in color. The ears are ready for use at an early season; grains are long and pointed, rich cream color when ready, but turn to light golden-yellow when cooked, making an attractive appearance on the table. The quality is very fine, being remarkably sweet and tender. Stalks are brownish-red, and make a healthy, rapid growth, producing from 2 to 4 ears each. This variety is quite distinct from all others and its delicious flavor appeals to all who have eaten it. Pkts., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If wanted by Parcel Post add as stated on page 24); 10 lbs., \$3.00.

DE LUE'S GOLDEN GIANT SWEET CORN

Grows faster, matures earlier and is three times as large as the well-known Golden Bantam Sweet Corn, but has all the good qualities of that variety. "Golden Giant" is the result of fourteen years patient and intelligent selection from the product of Howling Mob crossed with Golden Bantam, and is the sweetest, most tender and juicy of all varieties. It is very hardy and may be planted as soon as there is heat enough in the ground to sprout any corn and, on account of its rapid development, may be planted as late as June 25th, in Southern New Hampshire, and during the first part of July, in Massachusetts. The stalks, which grow from four to six feet tall, are very stout near the ground, thus enabling it to stand considerable stormy weather. The foliage grows abundantly for so short a stalk and ranges in color from a brilliant dark green to deep purple in stalk, leaf and husk. Two or three ears are produced to the stalk and the cob is of small diameter, carrying twelve to eighteen rows of long thick grains, which are of a deep orange color and fill the entire surface of the cob. The husk which may be entirely green, or entirely purple, or an admixture of the two, is very heavy and completely covers the long ears, affording protection from worms and birds. Because of the excellent qualities of Golden Giant Sweet Corn, the Massachusetts Horticultural Society awarded its originator, Dr. Frederick S. De Lue, the only Medal given by that Society in 67 years for Sweet Corn, also three first prizes at subsequent exhibitions of that Society. With successive plantings, this new variety may be grown throughout the whole season and not only excels the Golden Bantam in quality, size and productiveness, but is also far superior in every way to the later sorts, making it exceedingly desirable for the home garden. We offer seed which was grown and packed by the originator, at the following prices: .2 ozs., 35 cts.; 4 ozs., 50 cts.; 8 ozs., 85 cts.; 16 ozs., \$1.50, postpaid.



DAVIS' PERFECT CUCUMBER

The originator of this splendid variety states that he experimented several years in trying to get an improved strain of Cucumber for forcing under glass and outside culture, and has finally fixed a "Perfect" type, combining quality, shape, color and productiveness. The Cucumbers grow long and slim, sometimes measure as much as 12 inches in length; the color is a rich, dark, glossy green, which they hold until nearly ripe, when they turn white without a sign of yellow. It is very tender, brittle and of fine flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

FINOCCHIO, or FLORENCE FENNEL

A delicious vegetable which should be more largely grown in this country. It is extensively used in Italy as a salad, and also may be served boiled. When the enlargement of leaf stalk, at base of stem, is about the size of a hen's egg it should be earthed up so as to cover half of it, and in about ten days cutting may be commenced and continued as the plants increase in growth. The flavor is somewhat like celery, but it has a sweet taste and delicate odor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

DREER'S ALL-HEART LETTUCE

Introduced by us several years ago, this variety of head lettuce has continually grown in the favor of both private and market gardeners, and is the most reliable hard-heading lettuce ever introduced, far superior to all other varieties of cabbage-lettuce. It is adapted to both spring and summer use, as it withstands intense heat and forms magnificent heads with leaves closely set, extremely solid heart, even before it is half grown. The color is a beautiful yellowish-green, and the flavor is excellent, being rich and buttery. Pkt., 10 cts.; $\frac{1}{4}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25. For plants see page 211.



BURRELL'S GEM MUSKMELON

Attractive in appearance, of the most delicious flavor and just the right size. This sums up the chief characteristics of this, one of the most desirable of salmon-fleshed melons. "Burrell's Gem" is not a new variety, but deserves to be grown more largely. It originated in the melon-growing district of Colorado, made famous by the Rocky Ford Muskmelon, of which it is a counterpart, except in color of flesh, which is beautiful dark salmon or orange. Skin is rather dark green, and rind thin, leaving a thick lining of flesh, which is of most delicious, juicy flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

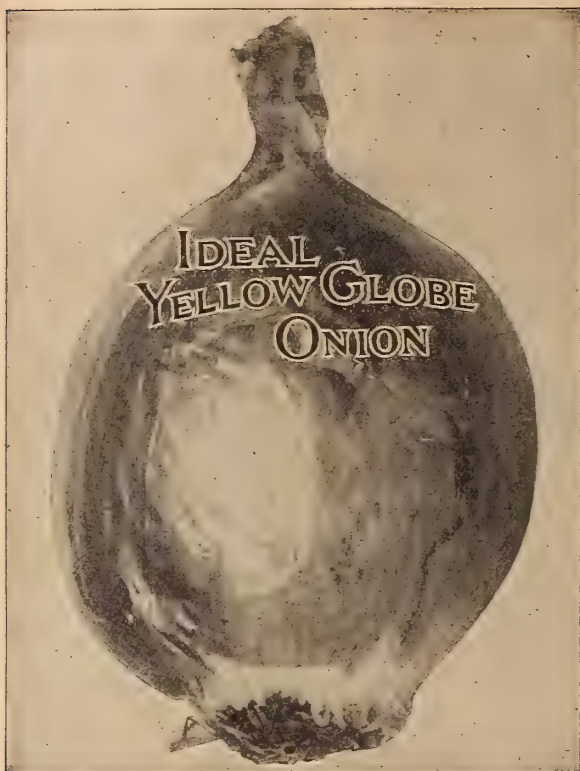
BUSH MUSKMELON

A very striking feature of this variety of Muskmelon is that it grows in bush form. The plant makes a vigorous growth and is very productive, bearing a large number of melons, which are of about the same size and shape as the well-known Jenny Lind, with green flesh and of a delicious flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

YELLOW ICE CREAM WATERMELON

Mr. E. Stanley Brown, horticulturist, East Moriches, N. Y., writes: "After repeated trials I have no hesitancy in stating that Yellow Ice Cream is the 'par excellence' of Watermelons. The vines are strong, inclined to overbear, and whether fully grown or undeveloped, there seems to be no difference in quality, being sweet and crisp. The flesh is bright golden-yellow, skin beautiful green and shape elongated. By laying them on the barn floor, away from chilly blasts, they kept well into the winter. The patch was found by night polders and this variety was nearly all taken, while others were left. If I could have only one variety of Watermelon it would be Yellow Ice Cream." Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.





JOHN BAER TOMATO

(See Colored Plate opposite)

This variety has been offered as the earliest Tomato for home and commercial use, and in our trials we found it to mature about the same time as Spark's Earliana, which variety it resembles in size, shape and color. The vines do not grow very large, but are productive, bearing the fruits in clusters and abundantly. The Tomatoes are of a medium size, nearly round in shape, scarlet color and are of excellent flavor. On account of the large yield, desirable size and shape, this variety is suited both for early market and home use. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50. For Plants, see page 211.

IDEAL YELLOW GLOBE ONION

An exceedingly handsome large yellow Onion: Its general characteristics stamp it as the best-main crop variety of its type, and we are pleased to offer it, feeling sure that it will fully satisfy all who desire to grow large Onions from seed. The bulbs are true globe-shape, with skin of a pleasing yellow color, flesh white and of a mild flavor. It is not the ordinary Southport Yellow Globe, but is far superior, much more productive, and we especially recommend it for planting in the home garden. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

MARKET SURPRISE PEA

This variety was sent to us by a leading seed grower in England, and in a careful test, made at our trial grounds, we found it to be a valuable addition to the early varieties and well adapted for the use of both amateurs and market gardeners. The plant grows to a height of 30 inches, and is very thrifty, producing pods in large quantities. Pods are large and well filled with Peas, which are remarkably sweet and fine flavored. It matures the crop in about sixty-five days, and is excellent for early planting. Pkt., 10 cts., by mail. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if wanted by Parcel Post add as stated on page 35); 10 lbs., \$3.50.

DREER'S SPECIAL CROSBY'S EGYPTIAN BEET

(See Colored Plate opposite)

This special selection of extra early Beet is as great an improvement over the ordinary Crosby Egyptian as the latter variety is over the old-time Egyptian Blood Turnip Beet and is valuable both for the private gardener and those who grow Beets for market. In the production of this seed, selection is not only made for shape, but also for extreme earliness and high quality. The skin is very smooth, bright red and flesh-very-milium, very sweet and tender. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

EARLY FORTUNE CUCUMBER

(See Colored Plate opposite)

Cucumbers of the "White Spine" type are most desirable on account of their attractive appearance and good quality. This variety was originally discovered in a field of "Davis Perfect," and is now so thoroughly established that large fields do not show any variation either in plant or fruit. The Cucumbers are slightly longer than "Arlington White Spine," more cylindrical in shape, with very dark green skin and thick flesh, which is tender and crisp, making it especially good for slicing. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

DELICIOUS GOLD LINED MUSKMELON

(See Colored Plate opposite)

Growers of muskmelons, both for home use and for market, will be delighted with "Delicious Gold Lined." The melon is nearly round, and the skin is covered with a thick grayish netting, adding much to its appearance. The flesh is green, with slight golden tint next to the seed cavity, and the flavor is delicious, being remarkably sweet and juicy. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.





DREER'S SPECIAL
CROSBY'S
EGYPTIAN BEET

DELICIOUS
GOLD LINED
MUSKMELON

EARLY FORTUNE
CUCUMBER

JOHN BAER
TOMATO

IMPROVED
RUBICON
CARROT

TRIANON SELF-FOLDING COS LETTUCE
OR ROMAINE SALAD



EXTRA EARLY JERSEY WHITE BUSH SQUASH

DREER'S
CRIMSON BALL
RADISH

IMPROVED RUBICON CARROT

(See Colored Plate opposite)

This beautiful half-long stump-root Carrot originated in Rhode Island. It is the result of careful breeding, and in shape and color most desirable. The Carrots grow about the same length as the well-known Danvers, but thicker, and are rich dark orange in color, very sweet and of a mild flavor. It is remarkably clean-skinned, grows evenly and is easily pulled; besides it is also a good keeper. Grows best in a soft, deep and mellow soil, which has been well manured. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

TRIANON SELF-FOLDING COS LETTUCE, OR ROMAINE SALAD

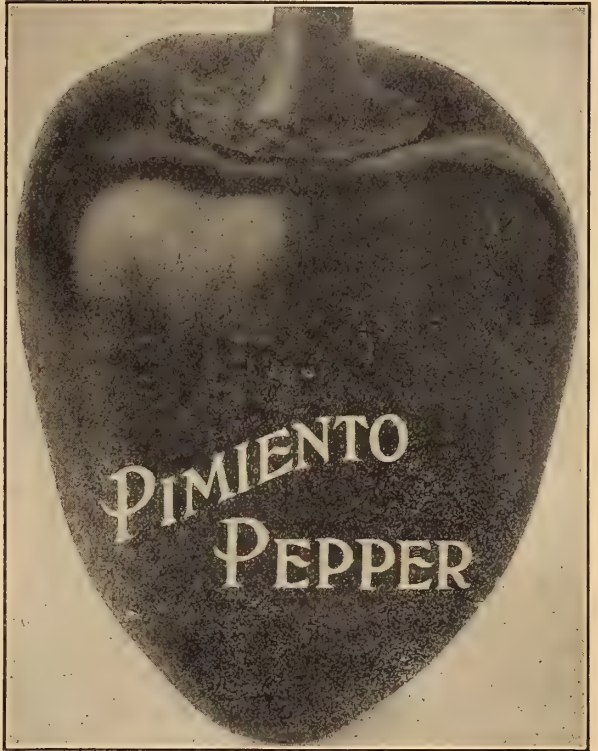
(See Colored Plate opposite)

This is the Lettuce that is served at the best hotels and restaurants under the name of "Romaine salad." It differs from ordinary Lettuce by the shape of the leaves, which are elongated, spoon-shaped and very crisp. It is grown in the same manner as Cabbage Lettuce, but does not make a solid head. Sow seed early in the spring in good soil, and when plants have three leaves thin out to stand about four inches apart in the row, and when plants are of a sufficient size the leaves should be drawn together and tied, in order to blanch the inner ones. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

DREER'S CRIMSON BALL RADISH

(See Colored Plate opposite)

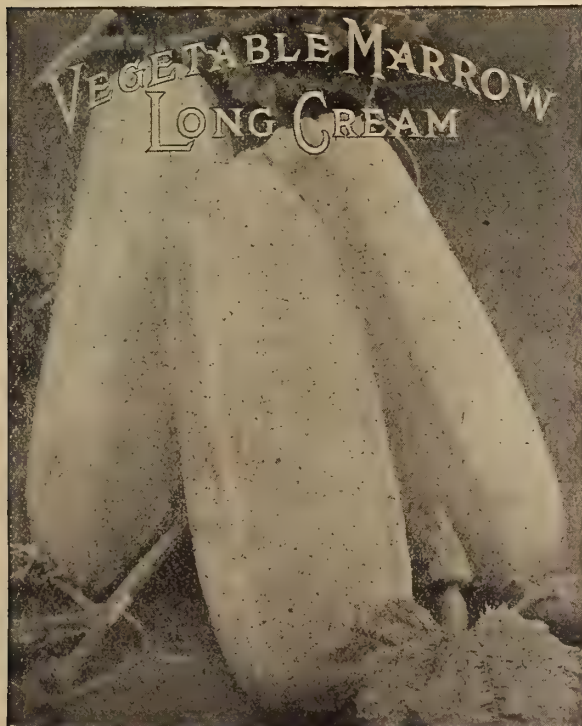
Much care has been given the selections of the many varieties of this type of Radish, as it is the shape and size most desired. This variety embraces everything that goes to make up a perfect Radish, both in size, shape and quality. The shape is that of the true red turnip Radish, color crimson and flesh is of a mild and pleasant flavor. It is a splendid variety for home use, as it grows rapidly and is very uniform in size and shape. "Crimson Ball" has been a favorite with many of our customers ever since its introduction, and may be used for forcing under glass as well as for growing outside in the garden, and will make fine Radishes even during the hot summer months. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.



EXTRA EARLY JERSEY WHITE BUSH SQUASH

(See Colored Plate opposite)

An improved strain of the old White Bush Squash, the result of selections made for a number of years by a prominent gardener. It grows in the bush form, and is enormously productive. The Squashes mature fully ten days earlier than the old sort, and are of good size. They show less ridge or scallop, being better filled out, and contain a larger amount of flesh than the parent variety. The Squashes cook well and the flavor is delicious. This is the same type of Squash as is called "Cymling" in the south, but so much improved that it should not be compared with the old-time sort. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.



PIMIENTO PEPPER

The sweetest Pepper grown, as it does not contain the slightest trace of fieriness. The plants are productive and Peppers medium size and of a shape which is desirable for filling, and when prepared in this manner they are delicious. It may also be used in preparing salads and for flavoring, in which case it will add a fresh and delightful flavor. The flesh is quite thick and the Pepper may be scalded for peeling the skin off. When fully ripe the Peppers are a brilliant red color and very attractive. It is largely grown in some sections for canning, and, either canned or fresh from the vine, it will be found very useful in making salads. Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25. For Plants, see page 211.

LONG CREAM VEGETABLE MARROW

The fruits are oblong in shape, skin smooth and creamy white. It is a vine sort and very productive. The Marrow Squashes are largely grown in England, and should be more generally used in this country, as the quality is exceedingly delicious, far superior to the ordinary summer Squash. They grow well anywhere if a liberal supply of manure is dug into the hills and plenty of moisture supplied. When the fruits are nearly half-grown the flesh is very tender and marrowy, and may be prepared for the table either cooked in same manner as ordinary squash or fried, in which manner it is far superior to the Egg Plant. Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.



NEW RUBY RADISH

This variety does not attain a large size, but is very attractive and quickly forms the root to a condition suitable for eating. The shape is nearly round, and color of skin deep red; flesh white and very crisp. The tops are not large, and it is a good variety for forcing. Added to its beauty of form and color, together with good quality, is its extended season for use, as it remains in good condition for a long time. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

EARLIEST RED MAY RADISH

An exceedingly attractive Radish which makes a remarkably quick growth and is ready for the table in a very short time. The Radishes are of a desirable size and uniform in shape, with small tops and of excellent flavor. This is a splendid variety for growing the earliest Radishes in the kitchen garden and also suitable for forcing under glass. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

EARLIEST WHITE MAY RADISH

This splendid white Radish will make a fine companion for the red variety described above, and produces the Radishes equally as early. It is mild and tender, and the beautiful white skin, together with uniform shape and size, make it all that could be desired. This variety will be greatly appreciated by those who prefer Radishes with a white skin. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

DELICIOUS SQUASH

An excellent variety for use during the fall and winter months; very fine grained, dry and sweet, in fact, it would be difficult to find a variety more suited for home use; as it is a combination of all desirable qualities and is finer grained and more delicious than the well-known Hubbard. The color of skin is green, with an occasional blue specimen; size about same as Hubbard, weighing from 5 to 10 pounds. The shell is not very thick, but is hard and strong; the flesh is thick and of a bright yellow color, fine-grained and of splendid quality. For table use, either as a fall or winter Squash, it cannot be excelled. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

BONNY BEST TOMATO

An attractive early variety, which is valuable for the home garden and for forcing under glass. The fruits, which are produced in clusters, are round, somewhat flattened and ripen evenly to the stem; the color is bright scarlet, flesh firm, solid and of excellent flavor for so early and productive a variety. This Tomato is now being extensively used by leading canning concerns, who value it highly for their purpose. Pkt., 10 cts.; $\frac{1}{4}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50. For Plants, see page 211.

DREER'S SUPERB SALAD TOMATO

This splendid and unique variety was originally introduced by us, and is distinctly a salad Tomato, as it does not grow large or coarse, but is just the right size for serving whole with lettuce. The plants are of healthy, robust growth, and produce a great abundance of fruit, which is even in size, solid and contain but few seeds. The color is very attractive, being a rich scarlet, and the flavor is very good. This Tomato can also be grown under glass. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

EARLY DETROIT TOMATO

After growing this early variety of Tomato for several years we are convinced that it is one of the best early sorts for home use, and also valuable for the market gardener, who derives his largest profits from those vegetables which he is enabled to market early. The vines make a strong and vigorous growth, and fruit set and ripen early, continuing to do so throughout the entire season. The size is medium to large, shape nearly round, perfectly smooth, and skin purplish-pink. The fruits are very solid and seldom crack, and vines are remarkably free from attacks of blight, thus making it a very desirable early Tomato, and the best of the early purplish-pink sorts. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.





DREER'S SEEDS have been for **Eighty-two Years** a Standard Among the Best Gardeners of this Country for Undoubted Purity and Excellence

The Cultural Directions given in this book are for growing Vegetables in the latitude of Philadelphia. Persons living in a more Southern latitude should start earlier, while those living farther north should begin to plant later.

Hotbeds and Cold Frames should be more generally used, even by those having small gardens. The hotbed is especially valuable in the Spring for starting the plants of early vegetables and many flowers, thus having them ready to set out as soon as the ground is in condition. We have prepared a leaflet on "Making and Care for Hotbeds and Cold Frames," and will gladly mail a copy free to any who write for it or request it on their order.

ARTICHOKE

Artichaut, Fr.

Alcachofa, Sp.

ARTICHOKE SEED

Large Green Globe. Pkt., 20 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.

Artichoke Plants and Roots

Plants of Dreer's Selected Large Green Artichoke.

We have arranged to furnish plants of this variety, which is the best kind sold in the Paris market. They should be set out early in April, when soil is in condition, in rows 3 feet apart, 2 to 3 feet apart in row, care being taken to press closely, but not plant too deep. Per doz., \$1.50; per 100, \$10.00, by express. **Ready April and May.**

Jerusalem Artichoke Roots. Distinct from the globe, and propagated by and for its tubers. Largely used for pickling and for feeding stock. Price of tubers: Qt., 30 cts.; peck, \$1.50; bushel, \$5.00.

ASPARAGUS SEED

Asperge, Fr.

Esparrago, Sp.

One ounce will produce about 200 plants; 4 to 5 pounds to the acre.

Leaflet on Asparagus Culture, giving directions for preparing the bed, planting and cultivating, also winter treatment of the plants will be mailed free to all applicants.

DREER'S Eclipse Asparagus. (See cut.) This variety is the result of a most careful selection, and "breeding up" to the large type, yet retaining that delicate light green color and tender quality desired. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to a mammoth size, sometimes weighing as much as 4 ounces each. We supply French grown seed. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Conover's Colossal. A large green variety, very tender and good. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

Palmetto. An early green variety, prolific and very good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

Columbian Mammoth White. Produces large white stalks, very tender. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

ASPARAGUS ROOTS (See page 210).



*Haricots, Nains, FR.*

BEANS—Dwarf or Bush

Frigolias, SP.

One pound will plant fifty feet of drill

Culture.—Beans are somewhat tender, but it often pays to take some risks. Plant in warm, loamy soil at the beginning of settled warm weather in spring, and at intervals for succession until August. Rows may be made 2 feet apart, and the Beans planted a few inches apart in the drills, or 3 or 4 Beans in hills 6 to 8 inches apart. Cultivate and hoe frequently, always, however, when the vines are perfectly dry. In hoeing draw the soil up towards the rows or plants. For string Beans gather the pods clean as soon as fit for use.



Beans by Parcel Post

The prices given in this catalogue for Beans of all kinds are for same to be sent by express or freight at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows:

East of Mississippi River add 7 cts. per pound.

West of Mississippi River add 12 cts. per pound.

Black Valentine. (See cut.) Being hardy this sort may be planted earlier than other varieties of Beans, as it withstands considerable cold damp weather. The plants make a strong growth and produce a heavy crop of pods, which are dark green in color, long, straight and nearly round. By express or freight at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

Long Yellow Six Weeks (Flat Pod). A well-known variety which is mostly grown for market. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.25.

Bountiful. Pods grow to large size, are broad and fleshy, cook tender and fine quality. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

GREEN-PODDED VARIETIES

Packets of all varieties of Beans, 10 cts. each.

Keeney's Stringless Refugee. See Specialties, page 4

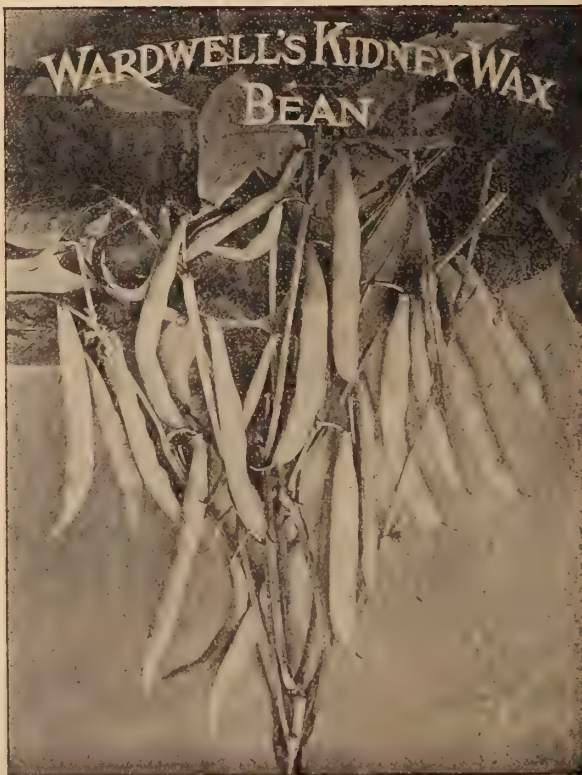
Improved Extra Early Red Valentine. A standard variety, extra early, and bears pods which are round, long, slightly curved and of excellent quality. It is one of the most profitable sorts for private use or market. By express or freight, at purchaser's expense, lb. 30 cts., 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.25.

Early Mohawk. Extremely hardy, may be planted very early. By express or freight at purchaser's expense, lb. 30 cts.; 2 lbs., 55 cts., (if by Parcel Post add as stated at top of page); 10 lbs., \$2.25.

Stringless Green Pod (Burpee's). Very popular because of its hardiness and productiveness. It is stringless, ripens earlier than Valentine and remains tender and crisp a long time after maturity. Pods are pale green, long and straight, round, meaty and of excellent flavor. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

Mammoth Stringless Green Pod. This excellent variety matures its crop among the earliest of the green-podded sorts, and produces large, handsome pods, some of which measure fully 6 inches in length, and are of the finest quality. The plants are very productive, bearing pods which are perfectly round, very fleshy and entirely stringless. This variety is particularly adopted to the home garden on account of its productiveness and good quality. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

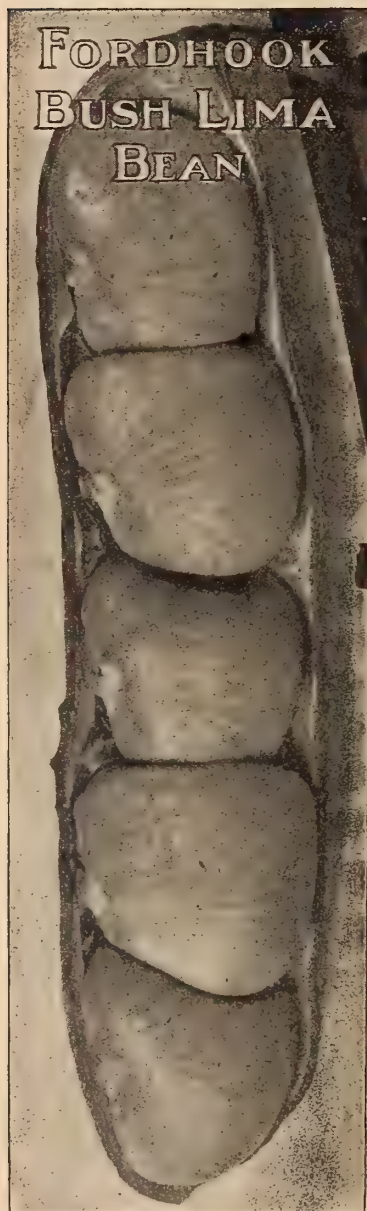
Extra Early Refugee. Pods are of medium size, light green and of good quality. By express or freight, at purchaser's expense, lb., 30 cts.; 2 lbs., 55 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.25.



DWARF, or BUSH LIMA BEANS

CULTURE.—Select land that is especially warm, rich and well supplied with vegetable fibre or humus. Plant eye downward and two inches deep as soon as the soil becomes warm in the spring. Make the rows 2 feet apart and give to each plant 6 inches space in the row. A top dressing of poultry manure, ashes or some good fertilizer or compost around the plants will be of much benefit in hastening maturity and increasing the yield. One pound will plant 50 feet of row.

Packets of all varieties of Beans, 10 cts. each



Dreer's Wonder Bush Lima. (See Specialties, page 3.)

Fordhook Bush Lima. (See cut.) This valuable variety is a perfected form of Dreer's Bush Lima, which variety it resembles in form of pod and shape of bean, but both are larger and the plant is of strong upright growth, protecting the pods from contact with the soil, thus preventing rust or rot. It produces the pods in clusters and the Beans are very large, thick through and of a delicious flavor. It is now largely grown by market gardeners not only on account of its productiveness, but also because their customers call for it. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 85 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., \$4.00.

Dreer's Bush Lima. A dwarf variety of Dreer's Improved Lima. The Beans grow close together in the pods, producing three and four Beans each, sometimes five, and are thick, sweet and succulent, fully equal in quality to Dreer's Improved Pole Lima. An excellent variety which is particularly valuable for the home garden on account of its productiveness. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 85 cts. (if by Parcel Post add as stated at top of page 15); 10 lbs., \$4.00.

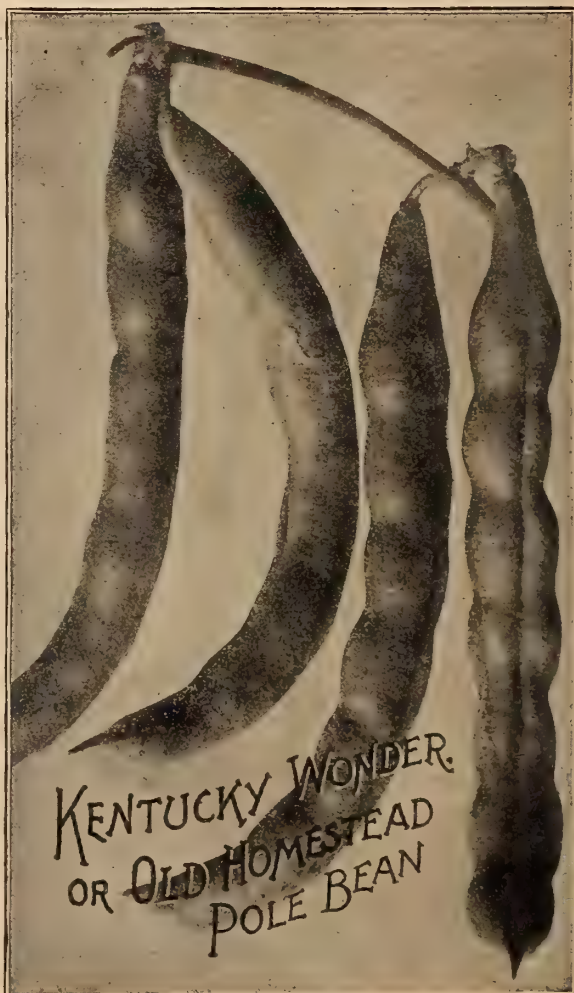
Burpee—Improved Bush Lima. Produces pods of enormous size. The plant grows in dwarf form, producing large numbers of pods, which are well filled with Beans. It is an improved type of the original Burpee's Bush Lima Bean, but is much larger, more productive, and the pods will average more Beans to a given number. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 85 cts.; (if by Parcel Post add as stated at top of page 15); 10 lbs., \$4.00.

Burpee's Bush Lima. This variety was one of the first of the Bush Lima Beans to

be introduced. It is a bush form of the well known Large White Lima, very productive and of good quality. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts.; (if by Parcel Post add as stated at top of page 15); 10 lbs., \$3.50.

Henderson's Bush-Lima. This is a small white Lima Bean which grows in the bush form and produces a large crop. The plants are very hardy, make rapid growth and are not so apt to throw runners as some of the other varieties of Bush Lima. It begins to set pods at an early season. By express or freight, at purchaser's expense, lb. 35 cts.; 2 lbs., 65 cts.; (if by Parcel Post, add as stated at top of page 15); 10 lbs., \$3.00.

Kentucky Wonder, or Old Homestead Pole Bean. This variety of Pole Bean is largely grown for snap-shorts and is one of the best green-podded sorts. The vines grow rapidly, and set pods in clusters at an early season. The pods are light-green in color and measure from eight to nine inches in length, are almost round and as they mature take on a curved shape. To obtain the best quality the pods should be used while young. On account of its productiveness and excellent quality, this variety is well adapted for the home garden. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 65 cts.; (if by Parcel Post add as stated at top of page 15); 10 lbs., \$3.00.



Haricots a rames, Fr.

POLE LIMA BEANS

Frijol vastago, Sr.

CULTURE.—Pole Limas do best in a sandy loam, and if season is suitable, may be planted about May 1st. Set the poles about 4 feet apart each way and plant 4 to 6 beans, eye downward around each pole, and when plants are up, thin out to 3 plants to a pole. Pinch off the ends when plants over-run the top of the poles. It is well to use a shovelful of rich, light, well-rotted compost to each hill. **One pound of seed will plant 75 to 100 hills. Material for inoculating Lima Beans will be found offered on page 224.**

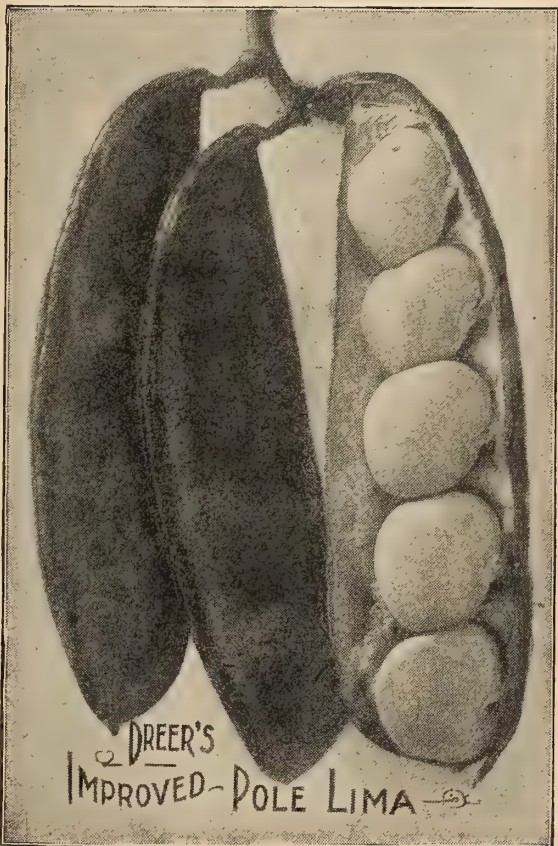
BEANS BY PARCEL POST

The prices given in this catalogue for Beans of all kinds are for same to be sent by express or freight, at the purchaser's expense. If wanted by Parcel Post add as follows:

To points East of Mississippi River, 7 cts. per pound.
 To points West of Mississippi River, 12 cts. per pound.

Packets of all varieties of Beans, 10 cts. each.

- Carpinteria Lima.** (See Specialties, page 4.)
- Dreer's Improved Lima.** (See cut.). A leading standard early variety which is very productive. The quality is exceedingly fine, the Beans cooking rich and mealy. In some sections this variety is called Challenger, or Potato Lima. It is the best for private gardens and shells out more beans from a given number of pods than any other Pole Lima. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.
- Early Leviathan Lima.** The pods are long and contain from 4 to 5 long beans, which are flat in shape, of good size and excellent quality. The bean is white and may be shelled from the pod with ease. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.
- Early Jersey Lima.** Matures a few days earlier than the King of the Garden and is very productive. The pods contain from three to four large beans, and the quality is good. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.
- King of the Garden Lima.** A standard variety, which is a vigorous grower, bearing large dark green pods containing four or five large white beans which are of good quality. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.
- Small Lima, or Sieva.** The beans are small but of good flavor, and the vines are very productive. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.



POLE, or RUNNING BEANS

CULTURE.—Same as given for Pole Limas, at top of this page.

GREEN POD VARIETIES

Kentucky Wonder, or Old Homestead. (See description and illustration on page 14.)

White Creaseback, or Best of All. Early, productive and fine quality; pods about 5 inches long and are produced in clusters. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 65 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Lazy Wife's. A late variety, excellent for snap-shorts or shelled. Pods about 6 inches long and are thick and meaty, with fine flavor. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.

Horticultural, or Speckled Cranberry. The best variety of this type. Pods 5 inches long, pale green, but become streaked with red when mature. The beans may be used either green or dry. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 65 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Scarlet Runner. Mostly used as an ornamental climber, but edible and may be cooked in same manner as other snap-beans, or used as a shelled bean. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.

White Dutch Runner. An old-time variety which may be used for snaps, or as a shelled bean. The vines are different from other Pole Beans, being rather ornamental and bearing white flowers. It is productive, bearing many large green pods, which are of good quality. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page). 10 lbs., \$3.50.

White Dutch Case-Knife. Sometimes used for growing among corn; pods long and flat. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.

WAX POD VARIETIES

Kentucky Wonder Wax. (See Specialties, page 3)

Dreer's Golden Cluster Wax. This variety of Pole Bean is noted for its great productiveness, and furnishes the delicious pods from about the middle of July until the vines are destroyed by frost. It produces the pods in clusters of from three to six large pods, and the vines are literally covered from bottom to top during the entire season. The pods measure about seven inches in length, are very thick, fleshy and of a rich golden-yellow color, crisp, tender and of fine flavor. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 75 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.50.

Betterave, Fr.

BEETS

Remolacha, Sp.

One ounce will sow 50 feet of drill; 5 to 6 pounds for an acre

CULTURE.—Fibrous loam, well drained and well enriched, will raise good Beet crops. For early table Beets, have drills 16 to 20 inches apart; and sow the seed about 1 inch deep, as early as the ground can be put in good shape. Or seed may be sown under glass four weeks sooner, and the young seedlings transplanted to open ground, to give an extra early crop. Give thorough and clean cultivation, and thin the plants to stand 3 and 4 inches apart in the rows. For succession sow at intervals until middle of July. For the earliest sowings a light dressing of nitrate of soda, say 100 pounds per acre, will sometimes work wonders.



Early Eclipse. Perfectly smooth and round, and has a small top; skin and flesh intense red. This variety is one of the first to be ready for the table. It does not grow to large size, but is desirable for its earliness and sweet, tender quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Extra Early Egyptian. An early variety, suitable for forcing and growing in the open garden. Tops are small and Beets are rounded on top, but flat at bottom end. The color of flesh is dark and light red, and the Beets are tender and of good flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Early Blood Turnip. A fine selection, early and also good for summer and autumn use. It is very sweet and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Crimson Globe. (See cut.) This Beet is remarkable for its smooth skin and good shape. It is a second early variety, does not grow large and coarse, the matured Beets being medium in size and rather oblong in shape. The flesh and skin are both very dark and quality fine, being sweet and tender. The tops are small and dark in color. We are confident that this Beet will please all who plant it. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Dark-leaved Globe. A splendid type of blood-turnip Beet. The dark foliage of this variety is a striking feature, while the corresponding rich, dark color of flesh and beautiful globe shape combine to make it an exceedingly attractive Beet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Dreer's Special Crosby's Egyptian. (See colored plate and page 8.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

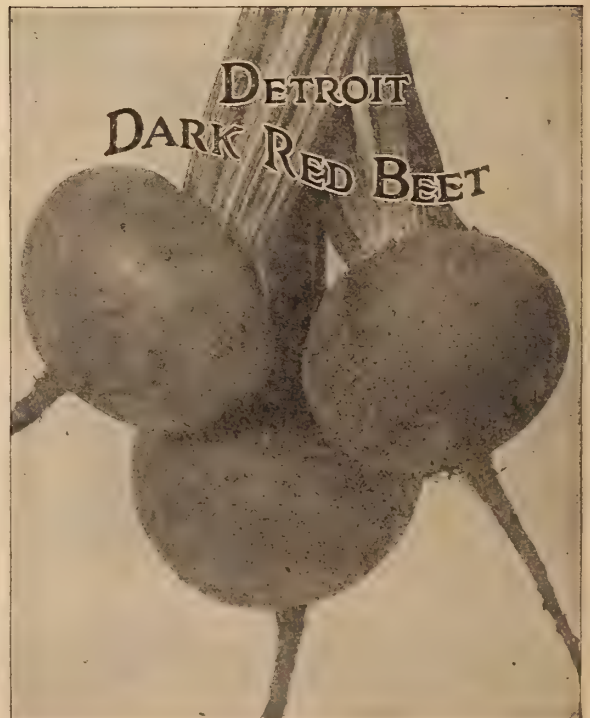
Early Model. (See Specialties, page 3.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Crosby's Egyptian. Extremely early and may be grown out of doors or under glass, and in either case the young Beets are fit for use at an early stage of growth. It is thicker through than the old Egyptian, which adds greatly to its appearance, and this, together with the rich vermilion color, makes it very attractive. The quality is excellent, being sweet and tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Detroit Dark Red. (See cut.) A choice variety of early turnip Beet. The tops make an upright growth, thus allowing of planting in close rows, a valuable feature where space is limited. The Beet is somewhat globe shape, skin blood red and flesh rich red, zoned with a darker shade. The Beets are sweet when cooked, and it is a splendid variety for canning. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Dreer's Excelsior Blood. The attractive form and rich dark color of this Beet commend it to all who grow it. Matures fully as early as any variety of turnip-shape Beet known, and grows to a uniform size and shape. The flesh is blood-red, remarkably sweet and tender, retaining all of its good qualities until it has attained an advanced age. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Edmand's Blood Turnip. A good variety to follow the extra early sorts, and one of the best for winter use. It grows with a short top, and the skin is dark red, while the flesh is purple, slightly zoned and of good quality, being sweet and tender, and it is a most excellent keeper. Those who desire to keep a winter supply of Beets will find this variety very satisfactory. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



BEETS—Continued.

Dewing's Improved Blood Turnip. An improved medium early Blood Turnip Beet. The skin is dark red and flesh carmine, striped with a lighter shade. It is a good keeper and grows to a good size; flesh is tender and sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Bastian's Early Blood Turnip. A good early turnip-shaped Beet. Top grows to a medium size and flesh is bright red and white and the quality is very good. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Early Bassano. An old-time and excellent second early variety having large leaf-top, which may be used as greens. The roots grow to good size and are very sweet while in the young state of growth. Flesh is white and rose-colored. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Bastian's Half-Long Blood. An excellent variety for either spring, fall or winter use. The roots are smooth, flesh bright red and the quality is very good. It is a good keeper and for winter use the seed should be sown early in July. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Long Dark Blood. A good late variety for fall and winter use. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SWISS CHARD, OR SPINACH BEET

One ounce will sow 100 feet of row

Swiss Chard, Giant Lucullus. (See cut). The Swiss Chard, or Spinach Beet, is prepared for the table in the same manner as Spinach; sometimes, however, the mid-rib is prepared like Asparagus. Seed planted early in the spring will quickly produce plants from which cuttings may be made all summer, as you can cut right down to the ground, and new shoots will soon spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large curly leaves, with thick, light-colored mid-ribs, which are delicious when cooked and served like asparagus. You should not fail to plant at least one long row in your garden. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Swiss Chard, or Silver Beet. Produces large, light-colored leaves in great abundance and has a mild flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



MANGEL WURZEL

Used for feeding stock; sow 6 lbs. to acre, in May or June, in rows 3 feet apart, and thin to 9 inches. Cultivate with horse.

	OZ.	BY MAIL $\frac{1}{4}$ LB.	LB.	BY EXP. 10 LBS.
Mammoth Long Red.....	10	30	85	\$7.00
Red Globe.....	10	30	85	7.00
Golden Tankard.....	10	30	85	7.00
Yellow or Orange Globe....	10	30	85	7.00
Golden Yellow Mammoth...	10	30	85	7.00

SUGAR BEETS

Sow same as Mangels, except thin 6 to 8 inches in the row.

	OZ.	BY MAIL $\frac{1}{4}$ LB.	LB.	BY EXP. 10 LBS.
American White Sugar....	10	35	\$1.00	\$8.50
Lane's Imp. White Sugar..	10	35	1.00	8.50

Chou-Brocili, Fr. **BROCCOLI** *Brocoli, Sp.*

This vegetable is used in the same manner as Cauliflower and the method of culture is the same. It thrives best in rich soil and during cool weather, and is greatly aided in its growth by frequent hoeing and watering. Sow seed in hot-bed in January or February and transplant into cold frames, 2 or 3 inches each way. Set out in open ground early in spring, about 2 $\frac{1}{2}$ feet apart. **One ounce will sow 200 feet of drill.**

White Cape. Large compact heads of a creamy white color and of good flavor. Culture same as for late Cauliflower. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00.

BRUSSELS SPROUTS

Chou de Bruxelles, Fr. *Berza de Bruselas, Sp.*

Culture.—Sow seed for plants in frames or open ground. Set plants in early spring, and for succession up to July, making rows 3 feet apart and having the plants stand 1 $\frac{1}{2}$ to 2 feet apart in the row. Cultivate same as Cabbages. **One ounce will sow 200 feet of drill.**

	PKT.	OZ.	$\frac{1}{4}$ LB.
Dreer's Select Matchless.....	10	40	\$1.25
Long Island Half-Dwarf.....	10	40	1.25

Brussels Sprouts Plants, See page 210.



*Chou, Fr.***CABBAGE***Berza, Sp.***Sow one ounce for 3,000 to 4,000 plants, 4 ounces for one acre**

CULTURE. For plants of the earliest sorts sow seed in January or February under glass, and prick out in flats or frames about 2 inches apart each way. Transplant to open ground as soon in spring as the land can be properly prepared. A rich, warm fibrous loam is best. Have the plants in the rows 20 to 24 inches apart, and rows at least 2 feet apart. Give thorough cultivation and irrigate in dry weather if practicable. Protect against the ravages of cutworm, maggot and green worm. A little nitrate of soda applied around the plant is of great benefit. Potash applications, such as wood ashes or muriate, may also do much good. For late Cabbage plants, sow seed in drills in open ground during April and May, and transplant in June and July, giving the plants more room than allowed for earliest Cabbages. Dusting with tobacco dust, insect powder, etc., or splashing with hot soapsuds, especially Whale-Oil Soap solution, are good and safe remedies for some of the insect pests attacking plants of the Cabbage.



Early Summer. A reliable second early Cabbage, which matures about ten days after the Jersey Wakefield. It makes a large, solid, flattish head, with short outer leaves, which admit of close planting in the field, and is a good keeper. This variety, maturing so soon after the pointed head sorts, is extremely valuable for growing as a second crop, and as it is suited to all sections it is very largely grown. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25. For plants see page 210.

Succession. A sure heading second early round-headed sort. Comes in a few days after Early Summer, and makes a larger head. It is grown largely by both market gardeners and amateurs. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Improved Flat Brunswick. Produces large heads, with short stems and of excellent quality. While this variety is an excellent one for intermediate crop, it may also be grown for winter use. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

SAVOY CABBAGE

Perfection Drumhead Savoy. (See cut.) The largest Solid-heading Savoy, and has the rich flavor of the cauliflower. The plants are strong and vigorous, and withstand the ravages of the cabbage worm better than other sorts. This is the best for market gardeners, as it will produce larger heads than any other kind of Savoy Cabbage. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25. For plants see

Copenhagen Market. (See Specialties, page 4.) Pkt., 15 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

Small Extra Early Jersey Wakefield. The earliest strain of Wakefield Cabbage, very hardy and may be set out early. Heads small, but very solid. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.50.

Early Jersey Wakefield. A leading early variety, which makes quick growth and is ready very early, for which reason it is more largely grown than any other variety. It is one of the best for private or market gardener's use; conical shape and good quality. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25. For Plants see page 210.

The Charleston, or Large Wakefield. (See cut.) Large solid heads, of good quality, a few days later than Early Jersey Wakefield. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.50.

Early Winnigstadt. Conical shaped heads, medium size, very solid and of good quality. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

All Head Early. The largest heading of the second early sorts, remarkably solid, and withstands hot, dry weather. It may also be planted for fall and winter use, as it is a good keeper. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Dreer's Early Drumhead. A large, round, solid-heading variety. The best for following Charleston Wakefield, and an excellent variety for summer use. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Selected All-Seasons (Vandergaw). An early Drumhead Cabbage, yielding heads of the largest size and good quality. Very desirable, either for early spring, summer or fall use. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25. For plants see page 210.



CABBAGE—Continued

LATE VARIETIES

Danish Ball Head (*Hollander*). (See Specialties, page 4.) Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00.

Danish Roundhead. (See Specialties, page 4.) Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00.

Dreer's Selected Late Flat Dutch. (See cut.) This is the finest strain of Late Flat Dutch Cabbage on the market. The heads are flat and grow remarkably large, even, and very solid. Stems grow short, and the quality of the Cabbage is very fine. It is very hardy, and makes a slow growth, but is a sure heading sort, and nearly every plant can be depended upon to produce a fine large head. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25. For plants, see page 210.

Large Late Drumhead. Heads are solid and have few loose leaves, thus allowing of planting closely in the field. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Autumn King, or World Beater. Heads large size, solid, good quality and keep well. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Chinese, or Celery Cabbage. (See cut.) Also called Pe-Tsai, and Cut Cabbage, by Chinese gardeners, and beginning to attract attention in America. It does not form a cabbage-head, but when grown to its full size resembles the Cos Lettuce, and the outer leaves may be used during its growth. It is odorless while being cooked and the flavor is delicious, being very mild, and it is excellent for use as a salad, or cooked like asparagus. We are quite sure that it will please all who partake of it. Sow seed after July 1st, and give plenty of room to the plants, setting in rows 3 feet apart and 2 feet apart in the row. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.



RED CABBAGE

Large Red Drumhead. An old-time variety, largely used for pickling. The heads are dark red in color and of excellent quality. It matures late in season and is very solid. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Mammoth Rock Red. This is the largest variety of Red Cabbage, and produces heads which are remarkably solid, more so than any other kind. The heads, which are round, with spreading outer leaves, mature at a late season, and on account of their solidity will keep well for a long time. It is the best and most attractive Red Cabbage grown. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.50. For plants see page 210.

CABBAGE PLANTS

(See page 210)

CARDOON

Cardoon, Fr. *Cardo, Sp.*

Culture.—Sow seed in open ground in early spring, either for plants to be transplanted, or directly where the crop is to mature. Have rows 3 to 4 feet apart, and plants standing 1 to 2 feet apart in the rows. Cardoon is sometimes grown in trenches in same manner as celery used to be grown. To make the stalks edible, they must be bleached much like celery. The mature leaves are tied together, wrapped in straw, and banked up with earth. The stalks will blanch fit for use in 3 to 4 weeks.

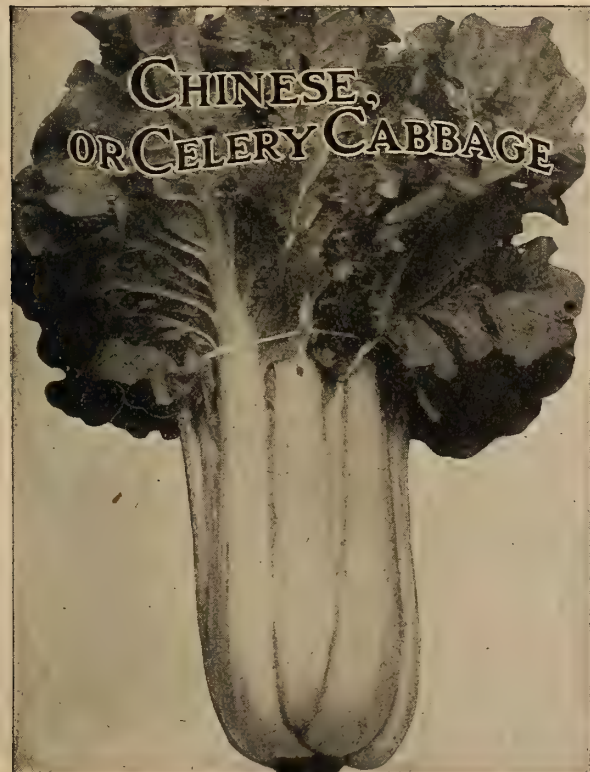
Large Smooth Solid. The best variety. Grows about 4 feet high, and the leaves are almost free of spines. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

CHERVIL

Cerfeuil, Fr. *Perifollo, Sp.*

Culture.—The seed of Curled Chervil may be sown in well prepared ground at any time during the spring. The rows should be about one foot apart and plants cultivated like parsley. The leaves are aromatic and used for seasoning.

Curled Chervil. Beautifully curled and crisp. The leaves are very aromatic and it is excellent for garnishing dishes. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.





Chou Fleur, FR.

CAULIFLOWER

Coliflor, SP.

One ounce of seed will produce about 3000 plants

Culture.—For earliest Cauliflower, raise plants by sowing in hotbed or greenhouse during January or February, and transplant to flats or cold frames, 2 or 3 inches apart each way. Set in open ground as soon in spring as the land can be put in good order. Soil to be a warm, very rich, fibrous loam, well supplied with humus and moisture. Copious water applications during dry weather, especially when the plants are heading, and light dressings of nitrate of soda and potash are of much help. Set plants 2 to 2½ feet apart each way. When heads are formed and are hard, they should be blanched by drawing the leaves together and tying with raphia, or strips of soft cloth. For late Cauliflower, to mature during the pickling season (August 15th to October 10th) start plants in open ground like late cabbages, and handle them like that crop.

DREER'S Earliest Snowstorm. (See cut.) We have given this variety much care and attention, and the uniformly good results received by growers using our "Snowstorm" convince us that we have the very best and earliest strain of Cauliflower on the market, both for forcing and for growing in the open ground. It has been used by our customers in different sections; and the report is alike from each: "The best they ever grew." It is a dwarf variety, with short outer leaves and can be planted close, 2 feet apart each way. It always makes a fine, large and exceedingly beautiful snowy white head, much earlier than any other variety. *For Plants see page 210.* Pkt., 25 cts.; ¼ oz., \$1.75.

Dry-weather Cauliflower. This variety of Cauliflower is especially adopted for sections subjected to long dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads grow to a large size, are very solid, pure white and of delicious flavor. Pkt., 25 cts.; ¼ oz., \$1.75.

Dreer's Selected Dwarf. A very early small-leaved dwarf variety which is suitable for forcing or open ground. It produces a solid head, medium size, white and of excellent quality. It grows about 15 inches high and is a very dependable header. Pkt., 20 cts.; ¼ oz., \$1.00.

Early Snowball. An extremely early dwarf variety, producing magnificent white heads. The plants make a compact growth, with short outside leaves, and produce heads of medium size. Well suited for hotbed culture. *For Plants see page 210.* Pkt., 20 cts.; ¼ oz., \$1.25.

LATE CAULIFLOWER

Half Early Paris. A popular white, sure-heading variety. good for early or late use. Pkt., 10 cts.; oz., \$1.00.

Lenormand's Short Stem. A large, late, short stemmed variety; head is very firm. Pkt., 10 cts.; oz., \$1.00.

Algiers. An extra fine, large late variety, suitable for market and sure to head. Pkt., 10 cts.; oz., \$1.00.

Veitch's Autumn Giant. One of the finest late varieties, of robust habit; heads large, compact and thoroughly protected by the leaves. Pkt., 10 cts.; oz., 85 cts.

For CAULIFLOWER PLANTS see page 210.

CHICORY

Culture. Sow seed in early spring as for carrots, in rows 12 to 16 inches apart, and thin the plants to 2 to 3 inches. To blanch the leaves for salad in winter, dig the roots in the fall, cut the leaves off a little above the root crown, and place them horizontally in layers, alternating with layers of sand or loam, in a dark cellar, the tops all pointing outward of the sloping heap or heaps. Directions for raising Witloof Chicory, or French Endive, are given on page 5. One ounce to 100 feet of drill.

Witloof Chicory, French Endive. (See specialties, page 5). Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.00; lb., \$3.50.

Common, or Wild. The leaves are used as salad. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., 85 cts.; lb., \$3.00.

Large Rooted. Used to mix with or as a substitute for coffee. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.10; lb., \$3.50.

Carotte, Fr.

CARROT

Zunahoria, Sp.

One ounce will sow 100 feet of drill; 3 to 4 pounds for an acre

CULTURE.—Carrots do best in warm, deep, rather light and fairly fertile soil that is well supplied with humus, or on strong loam, having been in clover and broken the year before. For the earliest crop sow seed of the early short-rooted sorts in April or May in drills a foot apart and thin to 2 inches. For main crop, sow in May or June, or for succession even in July, using the longer rooted varieties. The rows for these may be 16 to 20 inches apart, and the plants thinned to 2, 3 or even 4 inches. To raise Carrots for stock, the rows may be made wide enough apart, say 2 to 2½ feet, to allow of cultivation by horsepower. In sowing Carrot or other small seed, especially during dry weather, pains should be taken to firm the soil well over the seed, either by means of the feet or with the roller of the garden drill. Varieties marked * are good for stock feeding.

Improved Rubicon. (See Colored Plate and page 9.) Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Sutton's Red Intermediate. (See Specialties, page 5.) Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 75 cts.; lb., \$2.50.

Earliest Short Horn (*French Forcing*). This variety is one of the earliest to mature, and may be used when only four or five leaves have formed. The roots do not grow large, are almost globular in shape, reddish-orange color and of excellent flavor. It is an excellent variety for forcing under glass and may also be used for both early and late sowing outside. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Early Scarlet Horn. (See cut.) May be planted very early in spring, and is an excellent summer variety. Tops small and roots grow about 2 inches long; reddish-orange and good flavor. May be grown either in frames or in the open ground. This Carrot is at its very best while young and should be used before it has attained its full growth. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75.

St. Valery. An intermediate variety, growing to a size between the half-long and long varieties, about 10 inches long, broad at neck, tapering to a point; orange color and of good quality. This Carrot is valuable for growing in the garden and also for field culture on account of productiveness and good shape, but in either case it will be found to do best when grown in a light soil which has been highly fertilized, well dug and carefully prepared for the crop. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75.

Danver's Half-Long Orange. (See cut.) This Carrot is grown more extensively than any other. It is a rich orange-red variety, smooth and handsome. Tops are of medium size and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Although the roots of this variety grow shorter, it produces more bulk to the acre than the larger varieties. For many years this has been the prime favorite in America, both with the market gardener and amateur grower, as its size, color and shape go towards filling the requirements necessary to make it the leading variety for general crop. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50.



Chantenay Half-Long. This variety of Carrot combines the best quality with attractive shape and color and is now being grown by market gardeners and amateurs in many sections. It is a half-long variety, with orange-red skin and crisp, tender flesh. The root is broad at the top, tapering slightly to bottom, and is fit for use at an early season. It resembles the well known Nantes Carrot, but has a much larger shoulder. The carrots being smooth and of handsome appearance will please all who grow them, not only on account of fine appearance, but also because of their many other good qualities. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75.

***Guerande, or Oxheart.** A good variety on soils too hard and stiff for the longer-growing sorts. It is very thick, grows 4 to 5 inches long, flesh is orange color and sweet. While it is most valuable for feeding stock, it is also good for table use while young. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 50 cts.; lb., \$1.75.

***Nichol's Improved Long Orange.** This is a very fine selection of the Long Orange Carrot, good flavor and the best variety for stock feeding. The root grows long and tapers gradually to a point, being about five or six times as long as it is broad, and it does best in a deep rich soil, particularly where of a sandy nature, which enables easy digging of the roots. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50.

***Large White Belgian.** Used for feeding cattle. The roots grow partly above ground and are thick through, yielding a heavy crop which should be harvested before frost. It is a field Carrot and grown only for stock feeding. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50.



*Celeri, Fr.***CELERY***Apios, Sp.*

Culture.—For early or summer Celery sow seed of the self-blanching sorts in flats under glass during February, and prick out singly or in sections of row, into other flats, frames, or in nursery row in the open, selecting soil in the highest state of cultivation. In May to June, set the plants in very rich and well prepared land, 6 inches apart in the rows, and rows 3 or 4 feet apart. Give thorough and clean cultivation, and blanch by means of boards set up against the rows. For later and winter Celery, start seed of standard sorts either in flats as for early, only a little later, or directly into open ground. Make the rows for plants 1 foot apart; sow seed shallow and firm well. The rows in which the plants are to be set are 4 or 5 feet apart. Blanch by earthing up gradually clear to within a few inches of tip of the leaves. For winter storage, take up the plants with roots, and place upright on wet soil in a dark cellar or roothouse, packing closely. **One ounce of Celery seed will produce from 5,000 to 10,000 plants.**

Columbia. (See page 5.) Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.50.

Winter King. (See page 5.) Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.50.

Easy-Blanching. (See page 6.) Pkt., 20 cts.; $\frac{1}{2}$ oz., 85 cts.; oz., \$1.50; $\frac{1}{4}$ lb., \$4.50.

Perfected White Plume. Crisp, tender and ready for use ahead of all others. As the plants mature the inner stalks and leaves turn white and require very little earthing up. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50. For Plants, see page 210.

Originator's Golden Self-blanching. (See cut.) (French-grown seed.) A splendid variety of early Celery, requiring but little labor to blanch. Plants grow to a medium size and make a stocky growth; heart is rich golden-yellow with light yellowish-green outer leaves. The quality is excellent, as the stalks are remarkably crisp and tender. Pkt., 20 cts.; $\frac{1}{2}$ oz., 85 cts.; oz., \$1.50; $\frac{1}{4}$ lb., \$4.50.

Golden Self-blanching. Similar to above. (American-grown seed.) Pkt., 10 cts.; oz., 85 cts.; $\frac{1}{4}$ lb., \$2.50. For Plants, see page 210.

Golden Half-Dwarf. Stalks large and full; heart golden-yellow, turning to a light color. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Boston Market. Forms a cluster of heads, and should be blanched by earthing up. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Perfection Heartwell. A most excellent large green variety. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Dreer's Monarch. Stalks large and have a bright golden-yellow heart; very solid and of delicious flavor. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25. For Plants, see page 210.

Schumacher. The stalks are perfectly solid and crisp. It has a firm and beautiful golden heart, and the flavor is first-class. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

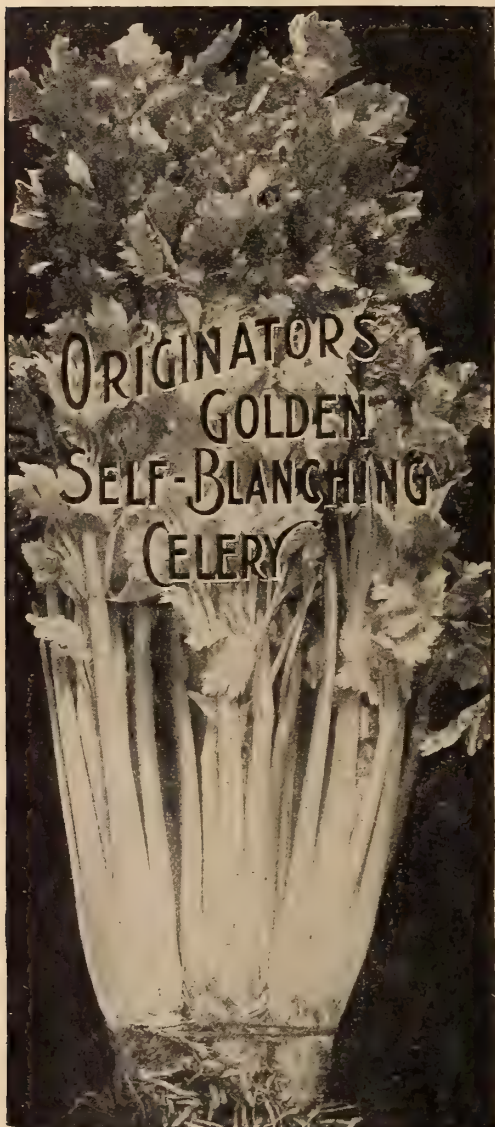
Giant Pascal. A superior fall and winter sort. The stalks are very large, thick, solid, crisp and of rich nutty flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00. For Plants, see page 210.

Winter Queen. (See cut.) An excellent winter-keeping Celery. Grows a very thick, solid and heavy stalk and has a large heart. The color is creamy-white when blanched and quality very good. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25. For Plants, see page 210.

New Rose. The red sorts surpass the white in flavor, and possess in their coloring a feature which renders them valuable. This is the best variety of red Celery. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Soup, or Flavoring Celery. Not for planting purposes, but used for flavoring. Oz., 5 cts.; $\frac{1}{4}$ lb., 50 cts.

CELERICAC (Turnip-rooted Celery). See page 23.



Con. combre, FR.

CUCUMBER

Pepino, SP.

One ounce will plant fifty hills; two pounds will plant one acre

CULTURE.—For very early Cucumbers, sow April 1st, in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant, if the weather has become settled and warm, in hills 4 to 6 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over. They succeed best in a warm, moist, rich, loamy soil. Continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July. The yellow-striped cucumber or squash beetle is the most serious insect enemy of the crop. Bordeaux Arsenate of Lead Mixture is by far the best remedy yet discovered. Dilute it with water, 3 ounces to the gallon, and spray it on the vines when in danger of the beetle or blight.

Early Fortune. (See Colored Plate and page 8.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

The Davis Perfect. (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Arlington White Spine Forcing. (See cut.) A strain of White Spine which has been improved through careful selection with a view to use for forcing in hot-houses and frames. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Klondike. (See cut.) This variety is one of the best for slicing. The color is rich dark green, and the fruits grow to a uniform size, measuring about seven inches in length and two inches thick when in condition for use. Pkt. 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Nichol's Medium Green. This Cucumber is largely grown for the pickle manufacturers. Fruits medium size and dark green. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

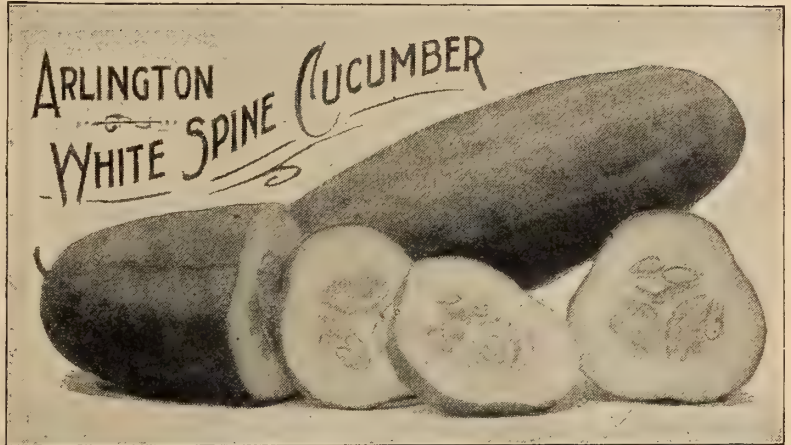
Everbearing. Fruits of all sizes on the vine at the same time. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Long Green (Jersey Pickle). Fruits are long, firm and crisp. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Green Prolific. One of the best pickling varieties; dark green. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Chicago Pickle. Medium size, pointed at both ends. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

	PKT.	OZ.	$\frac{1}{4}$ LB.	LB.
Improved Early White Spine.....	5	15	45	\$1.50
Early Russian	5	15	45	1.50
Early Cluster	5	15	45	1.50
Cool and Crisp	5	15	45	1.50
Emerald	10	20	60	2.00
Japanese Climbing	10	30	80	2.75
Small Gherkin	5	20	60	2.00



ENGLISH FORCING CUCUMBERS

The seed we supply is secured from the best growers in England and is from selected fruits.

Covent Garden Favorite, Rochford's Market, Lockies' Perfection. In packets of 10 seeds each, 25 cts.; per 100 seeds, \$2.25.

Duke of Edinburgh, Sion House Improved, Telegraph (Rollinson's). In packets of 10 seeds each, 20 cts.; per 100 seeds, \$1.75.

CELERIAC (Turnip-rooted Celery)

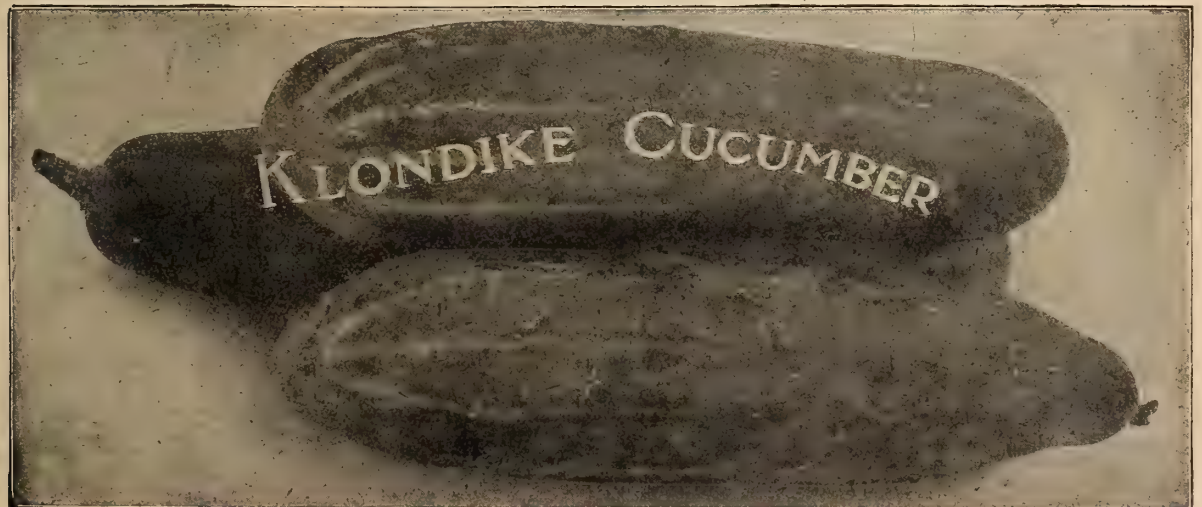
Cellerie Rave, FR.

Apio Nabo, SP.

Culture.—Grown mostly for its bulbous root. Seeds are started and plants set in same way as advised for Celery. Celeriac is not usually blanched, but very fine when thus treated, and much harder than the stalk celeries.

Apple-shaped. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Giant Smooth Prague. A very large and smooth variety. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.



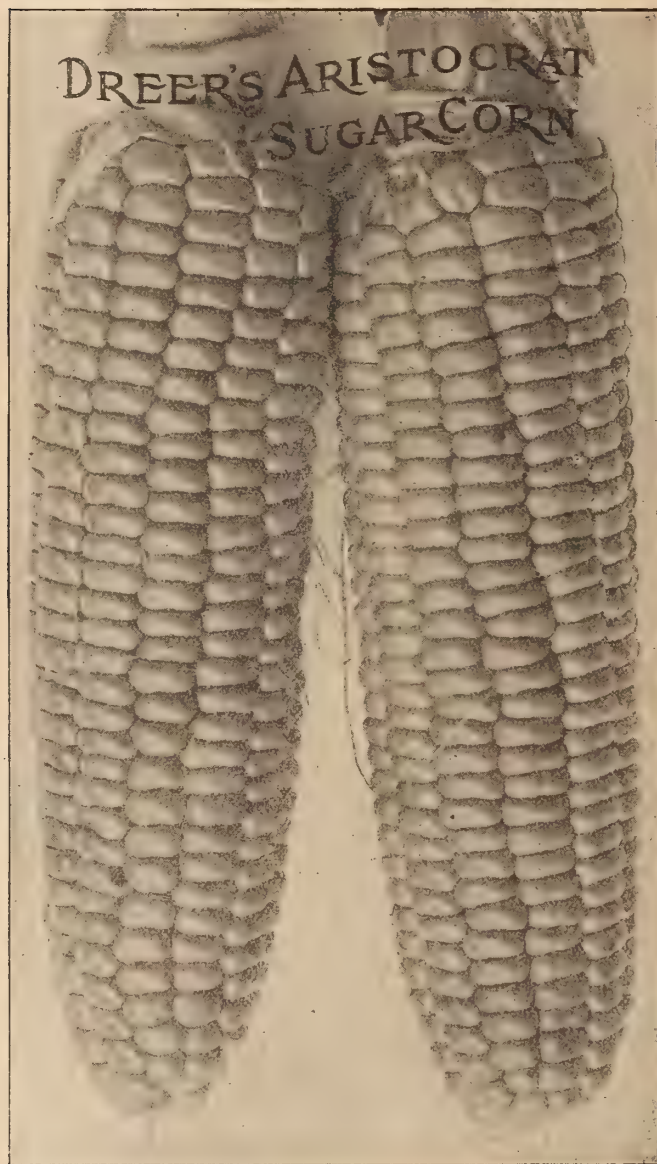


Mais, Fr.

CORN, Sweet or Sugar

Maiz, Sp.

Culture. Seed of the Sweet Corn is liable to rot if planted in wet or cold ground. Yet if we have an early warm spell in spring, it may pay to take some risks, as often the plants, when once up, will escape injury by a belated frost. Plant in hills 3 feet apart each way, covering half an inch and thin out to 3 plants to a hill, or plant in rows 4 feet apart, 12 inches apart in the rows. For succession plant every two weeks up to July 15th. To protect from birds, Sweet Corn may be given a coating of Pine Tree Tar in the following manner: Place seed in vessel and add enough water to cover it; then stir in a teaspoonful of tar for each peck of seed. Drain on a sieve and add some land plaster. One pound will plant about 100 hills, or 150 to 200 feet of row.



WELL-KNOWN VARIETIES

Prices below for Sweet Corn are for same by express or freight, at purchaser's expense. If wanted by Parcel Post add as stated at top of page.

	1 LB.	2 LBS.	10 LBS.
Crosby's Early	\$0.35	\$0.60	\$2.50
Adams' Extra Early	30	50	2.25
Peep o' Day	40	70	3.00
Mammoth White Cory	35	60	2.50
Potter's Excelsior, or Squantum	35	60	2.50
Mammoth Late	35	60	2.50
Black Mexican	40	70	3.00

SWEET CORN BY PARCEL POST

The prices given in this Catalogue for Sweet Corn are for same to be sent by express or freight, at purchaser's expense. If wanted sent by Parcel Post remit extra as follows:

Points East of Mississippi River, 7 cts. per pound.

Point West of Mississippi River, 12 cts. per pound.

Packet of any variety of Sweet Corn, except De Lue's Golden Giant, 10 cts. postpaid.

De Lue's Golden Giant. (See specialties page 6.)

Golden Cream. (See specialties page 6.)

Dreer's Aristocrat. (See cut.) An extra early variety, ripening with the Cory. Stalks grow 4 to 6 feet high and ears are of large size, measuring 8 to 10 inches in length. The grains are extremely sweet, and, being decidedly broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Golden Bantam. Produces ears measuring about five inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the Corn when cooked. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts., (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Golden Dawn. An extra early yellow-grained variety, but when one gets the sweet, delicious taste, the color of the grain is forgotten. Stalks about 5 feet high and bear 2 and 3 ears, free from smut and filled out to the extreme tip. By express or freight at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$3.00.

Howling Mob. A large extra early sweet variety, which may be planted very early and is productive. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

Kendel's Early Giant. Ears are about 7 inches in length, with pure white grains, very sweet and tender. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

Mammoth Early. A second-early variety, which bears large ears with large-sized grains and is very sweet. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

Metropolitan. Extra early, ripens a few days later than Cory, but produces larger ears. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

Early Evergreen. This variety resembles the Stowell's Evergreen, but is ready for use much earlier, and remains in good condition equally as long. The ears grow to a good size, usually about 7 inches long, and contain from 16 to 18 rows of deep, sweet grains. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

Stowell's Evergreen, Improved. A late variety, very tender, sugary, and remains in good condition, suitable for cooking for a long time. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page); 10 lbs., \$2.50.

CORN, Sweet or Sugar

Continued

Packet of any variety of Sweet Corn, except De Lue's Golden Giant, 10 cts. postpaid.

Stabler's Early. (See cut.) Of much larger size than usual for the early kinds of Sweet Corn and of most delicious flavor. The grains are broad and very tender. This is a fine variety for the home garden. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post add as stated at top of page 24); 10 lbs., \$2.50.

Zig-Zag Evergreen. A good sweet Corn, ripening from 8 to 10 days ahead of Stowell's Evergreen, and fully its equal in quality and productiveness. The ears are large and grains same shape as Stowell's Evergreen, but are arranged on the cob in a zig-zag manner, hence its name. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post, add as noted at top of page 24); 10 lbs., \$2.50.

Country Gentleman, Little Gem, or Shoe Peg. (See cut.) A very popular variety which ripens about the same time as Stowell's Evergreen. The ears grow to a medium size, with deep grains in irregular rows on cob, and deliciously sweet, tender and milky. A fine late variety. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated at top of page 24); 10 lbs., \$3.00.

POP-CORN. On the ear only

White Rice. Lb., 30 cts., postpaid. By express, 10 lbs., \$1.50.

White Pearl. Lb., 30 cts., postpaid. By express, 10 lbs., \$1.50.

Queen's Golden. Lb., 30 cts., postpaid. By express, 10 lbs., \$1.50.

SWEET FODDER CORN. Write for price.

FIELD CORN. The leading varieties. See pages 47 and 48.

Chow Cosa, Fr.

COLLARDS

Cabu, Sp.

Culture.—Sow seeds the same as for late cabbage plants. The crop of greens may be grown directly in the seed rows, or the plants may be transplanted and set a foot apart in the rows. Best after being touched by frost. **One ounce will produce about 3000 plants.**

Creole, or Southern. Cabbage greens, used as a substitute for Cabbage in the South. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Cresson, Fr.

CRESS

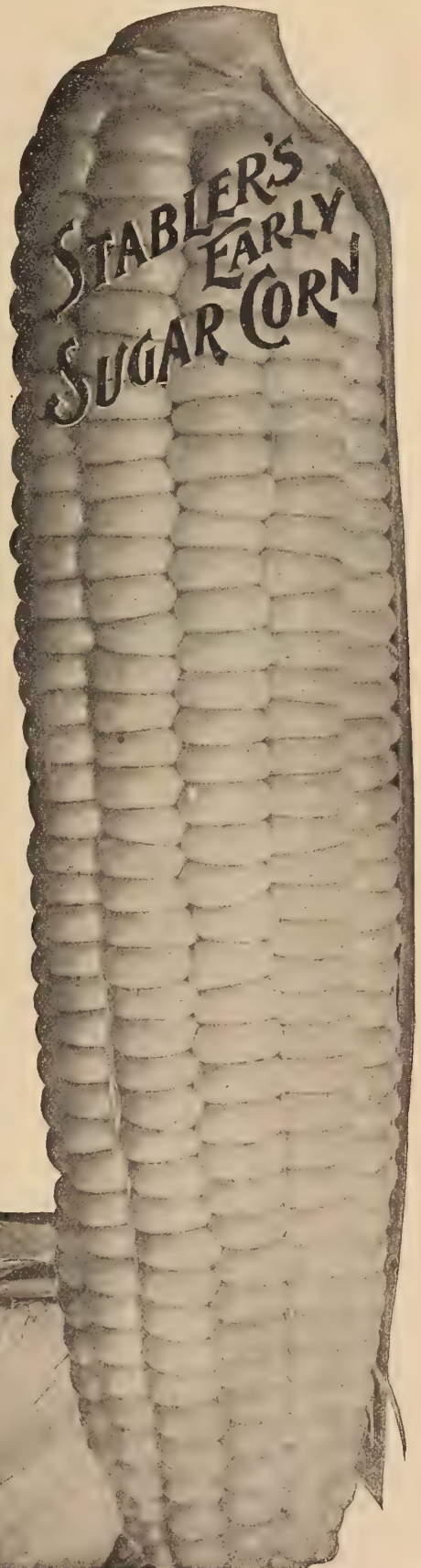
Berro o Mastuerzo, Sp.

Culture.—Easily grown during winter on the greenhouse bench, in frames, pots or boxes, and splendid for salad, garnishing, or as an addition to winter lettuce. Sow seed very thickly in rows 3 to 6 inches apart under glass, or for summer 1 foot apart in open ground. Sow often for succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it.

Extra Curled, or Pepper Grass. Leaves frilled and are used for salad or garnishing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

Upland Cress. Grown in soil and has the flavor of Water Cress. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

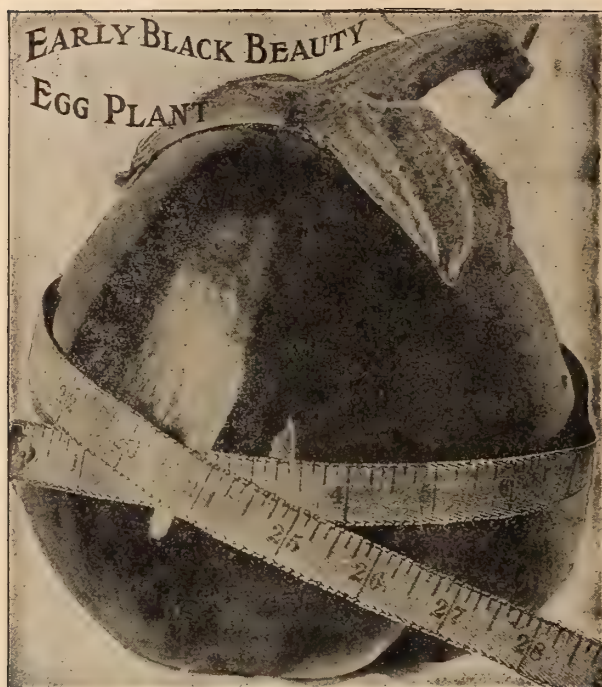
Water Cress. Grown in water. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.



Aubergine, FR.

EGG-PLANT

Berengena, Sp.



CORN SALAD (Fetticus)

Culture. Sow in spring in drills 1 foot apart. For winter and early spring use, sow in drills in August and September. **Three ounces to 100 feet of drill.**

Large Seeded. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Pissenlit, FR. **DANDELION** *Amargon, Sp.*

CULTURE.—Plants usually come up small and feeble. Sow seed in good clean loam, in drills one foot apart, and thin or transplant to 10 or 12 inches apart in the rows. May be blanched by covering with leaves or other loose litter. **One ounce to 100 feet of row.**

Broad-leaved. Pkt., 20 cts.; oz., \$1.10; $\frac{1}{4}$ lb., \$4.00.

Improved Thick-leaved. An improved variety. Pkt., 20 cts.; oz., \$1.10; $\frac{1}{4}$ lb., \$4.00

Chicore, FR. **ENDIVE** *Endibia o Escarola, Sp.*

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use or for late use in June and July. When 2 or 3 inches high transplant into good ground or thin out to 1 foot apart. When nearly full grown and before they are fit for the table they must be bleached. This is done by gathering the leaves together and tying with yarn or bass to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slats. **One ounce of seed to 300 feet of row.**

Dreer's Giant Fringed. (See cut.) A strong-growing variety with large white heart and broad stems. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Green Curled Winter. Standard sort for fall and winter. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

White Curled (Self-blanching). Leaves pale green; grows to a large size, always crisp and very tender. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Broad-leaved Batavian (Escarolle). Leaves broad, light green, nearly plain; used in stews and soups. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

French Endive. See Witloof Chicory, page 5.

One ounce will produce 1,000 to 2,000 plants

CULTURE.—Sow the seeds in hotbeds, early in March. When 3 inches high, pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June. Egg-plant seed requires a higher temperature for germination than other garden vegetables, and this temperature should be maintained right along in order to maintain strong and healthy growth. The soil can hardly be made too rich. After settled warm weather has set in, set the plants in open ground, allowing 3 feet space between the rows, and 2 feet space between the plants in the row. Watch for the potato beetle. This pest, as well as blight, may be controlled by spraying with Bordeaux Arsenate of lead Mixture.

Early Black Beauty. (See cut.) Spineless and rich purplish black skin; very attractive and of best quality. This beautiful Egg-Plant is a great improvement over the well-known and largely grown New York Improved Large Purple. The plants are remarkably healthy in their growth and produce an abundance of large fruit, earlier than the New York Improved. Pkt., 10 cts.; $\frac{1}{4}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.25. For plants see page 210.

New York Improved Large Purple. This variety is largely grown and produces the Egg-Plants in great quantities, as the plants bear from 6 to 8 fruits each. They are large, nearly round, dark purple, free of thorns and of excellent quality. Pkt., 10 cts.; oz., 70 cts.; $\frac{1}{4}$ lb., \$2.00.

Early Long Purple. Earliest, hardiest and very productive. The fruits are long and of good quality, measure 6 to 10 inches long and best for very early use. Pkt., 10 cts.; oz., 70 cts.; $\frac{1}{4}$ lb., \$2.00.

Black Pekin. Fruit-purplish black, round, large, solid, smooth and glossy; very prolific and early and of fine flavor. Pkt., 10 cts.; oz., 70 cts.; $\frac{1}{4}$ lb., \$2.00.

EGG PLANT PLANTS (See page 210).

FINOCCHIO, or FLORENCE FENNEL (See Specialties page 7).

GARLIC (See page 33).

HOP VINE ROOTS (See page 210).

HORSERADISH (See page 210).



KALE, or BORECOLE

*Chou Vert, Fr.**Breton, Sp.*

One ounce of seed will produce about 5000 plants

Culture.—The Kales are more hardy than Cabbage, make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter. Some of the varieties are so hardy that the green leaves may be dug out from under the snow in winter and used for greens.

Dreer's Imperial Long Standing Kale.

(See cut.) A beautifully curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance, a bright green color and very productive. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Dwarf Green Curled. The leaves are yellowish-green, grow very compact and are beautifully curled; sow the seed in September for winter and spring use. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Dwarf Curled Scotch. Leaves bright green, curled, very tender and fine flavored; an excellent sort. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Sea Kale. Served like asparagus. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

KOHL=RABI

Chou Rave, Fr. Colde naboo Nabilcol, Sp.
(Turnip-rooted Cabbage.)

One ounce of seed will sow a drill of about 300 feet.

Culture.—The edible part is the bulb, which grows on a stalk a few inches above

DREER'S IMPERIAL
LONG STANDING KALE



the ground. Sow seed in drills, allowing 16 or 18 inches space between the drills, and thin to 4 or 6 inches apart in the row. First sowing may be made as soon as ground can be worked in spring and successive ones repeatedly later.

Earliest White Kohl-Rabi. A tender variety, with smooth root and short top. One of the best for outdoor culture. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Early White, or Green Kohl-Rabi. The flesh is white and tender; a standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it particularly desirable on account of earliness. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Early Purple Kohl-Rabi. A small, but very early variety, used for forcing or early planting in the garden. The top grows small and skin is purple, but flesh white and of good flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Poireau, Fr.

LEEK

Puerro, Sp.

Culture.—Sow early in April in drills 1 foot apart and 1 inch deep. When plants are 6 to 8 inches high, transplant in a deep, rich soil, in rows 12 inches apart and 6 inches in the rows as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, plants transplanted in the spring.

Dreer's Prizetaker Leek. (See cut.) A fine, large variety of Leek, which is very mild and tender. The Leeks grow very long and thick, and are pure white in color. It belongs to the onion family, and the lower part of the leaves or stem blanch white and may be eaten raw, being milder than the onion. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Giant Carentan. Produces a large thick stem, and is of mild flavor. The leaves are dark and the plant is very hardy and it is suitable for planting either in the spring or fall. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Muskelburg. Grows to a very large size, with broad leaves, spreading like a fan. It is hardy and well suited for the home garden. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

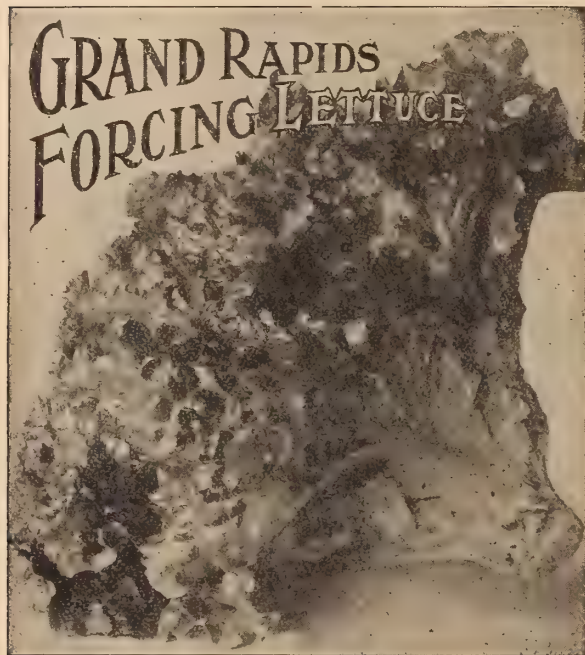
London, or American Flag. A well-known and popular sort, hardy and good quality. Grows long and is rather broad. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

Laitue, FR.

LETTUCE

Lechuga, SP.

CULTURE.—Sow the seed in hotbeds or flats during February or early March, prick the young seedlings out in flats or cold frame several inches apart each way, and, as soon as a nice, rich, warm spot can be prepared in open ground in spring, transplant the well-hardened plants in rows a foot apart, allowing 8 to 12 inches space between the plants in the row. For succession sow seed thinly in open ground, and thin the plants to 5 or more inches apart. Sow for succession every few weeks until the fall. Some varieties do well in a cool forcing house during winter. **One ounce will produce about 3000 plants.**



Boston Market. Hardy and crisp; a good forcing variety.

Heads are medium size and leaves dull green in color and excellent flavor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Hittinger's Belmont Forcing. An improvement on the Boston Market, larger in size and of a crisp and tender quality. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Grand Rapids Forcing. (See cut.) Matures quickly, large size and handsome appearance; crisp and tender. Forms a loose cluster of leaves which are bright green and crimped at the edge. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Big Boston. Resembles Boston Market, but nearly twice as large; desirable for forcing and spring and fall outdoor planting. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Flay King. Very hardy, and stands cold damp weather. May be planted out of doors or under glass. The outer leaves are yellowish-green, tinged with brown, while inside is rich golden yellow. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Iceberg. A curly Lettuce, large, solid heads. The outer leaves are light green in color, and their habit of branching towards the centre of head is a great aid to the blanching of heart. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Early White Cabbage (White Butter Lettuce). Good for fall sowing, as it is nearly hardy and requires but little protection. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Mammoth Salamander. A large and rich buttery Cabbage-heading variety. Color light green; an excellent intermediate variety. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

French Unrivalled. (See cut.) A sure-heading variety, suitable for growing at any season. Forms large, compact, buttery heads, and is slow to shoot to seed. The general character is similar to "Big Boston," except that the color is a lighter green and leaves are not tinged with brown. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Dreer's "All Heart." (See Specialties, page 7.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 25 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Early Curled Simpson (Silesia). This does not head, but forms a close, compact mass of leaves; very early; excellent for forcing. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Black-seeded Simpson. Produces a compact mass of leaves. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Early Dutch Butter, Spotted. Fine large heads of excellent quality. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Black-seeded Tennisball. Forms a close, hard head, with few outer leaves. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Golden Queen. Very early, small yellow heads. Used for forcing. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Dreer's Improved Hanson. This superior Lettuce, which we introduced over forty years ago, is one of the best summer heat-resisting sorts. Heads grow to good size, are sweet, tender and crisp. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts. For Plants, see page 211.

Improved Deacon. A good summer cabbage sort; very crisp, large and light in color. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Sensation. Color yellowish-green; heads close and hard; quality very fine. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Flignonette. Heads small; leaves slightly curled, edges tinted brown. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.



LETTUCE—Continued

Wonderful. The heads of this Lettuce grow to an enormous size, and resemble cabbage in their solidity, measuring from 12 to 15 inches across, and frequently weighing 2 and 3 pounds each. The quality is superb, being crisp, rich and tender. It withstands the heat well, making a fine variety for all seasons. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Wayahead. This variety of head-lettuce may be grown either in the cold frame, or sown in the open ground early in the spring, and produces good heads at an early season. The outer leaves fold tightly and are light green, while the inner leaves or heart blanch yellow. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

California Cream Butter. Produces a large white head, withstands heat. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Cos Lettuce, or, Romaine Salad

Trion Self-folding Cos. (See Colored Plate and page 9.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Kingsholm Cos. (See cut.) Forms long, upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Paris White Cos. Type of Kingsholm; light color; very tender. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

HERB SEEDS

CULTURE.—Sow early in spring in shallow drills, 1 foot apart; when up a few inches thin out or transplant. They should be cut on a dry day just before they come into full blossom, tied in bunches or hung up or spread thinly on a floor to dry. Those marked with a * are perennial.

Anise. For garnishing and flavoring; also in making cordials. Pkt., 10 cts.; oz., 30 cts.

***Balm.** Lemon-scented and is used in making Balm tea and wine. Pkt., 10 cts.; oz., 40 cts.

Basil, Sweet. The stems and seeds are used in soups and sauces. Pkt., 10 cts.; oz., 30 cts.

Bene. Used medicinally. Pkt., 10 cts.; oz., 35 cts.

Borage. Excellent for bees. Pkt., 10 cts.; oz., 25 cts.

Caraway. Used in bread, etc. Pkt., 10 cts.; oz., 30 cts.

Castor Oil Bean. Used for medicine and ornamental bedding plants. Pkt., 5 cts.; oz., 20 cts.

***Catnip.** For medicinal purposes, and relished by cats, who roll in it with great delight. Pkt., 10 cts.; oz., 50 cts.

Chamomile. Plants only, see page 210.

Coriander. Seeds are aromatic. Pkt., 10 cts.; oz., 25 cts.

Cumin. For pigeons. Pkt., 10 cts.; oz., 25 cts.

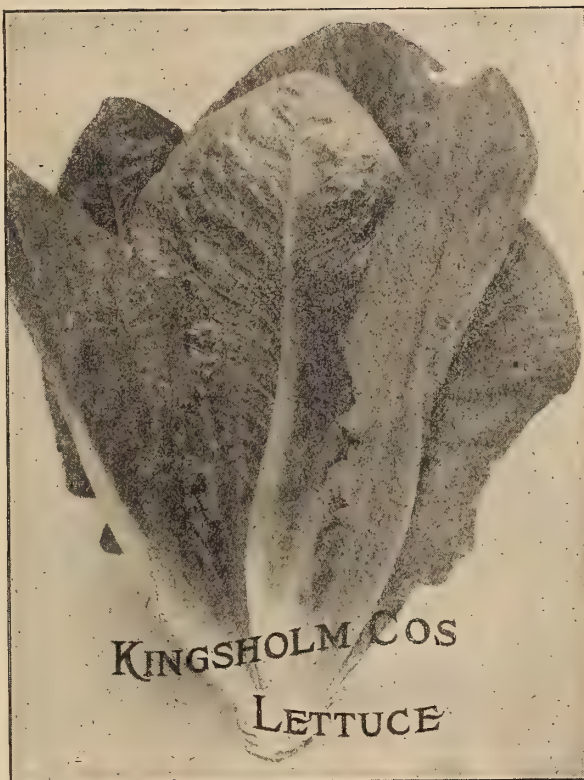
Dill. Used for making Dill pickles, and the seeds are used for seasoning. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

***Fennel, Sweet.** For salads, etc. Pkt., 10 cts.; oz., 25 cts.

***Horehound.** Has a bitter flavor, and is used in cough medicines. Pkt., 10 cts.; oz., 50 cts.

***Lavender.** For perfuming linen. Pkt., 10 cts.; oz., 50 cts. For plants, see page 210.

***Pennyroyal.** Pkt., 25 cts.; oz., \$1.25. For plants, see page 211.



***Peppermint.** Pkt., 25 cts. For plants, see page 221.

***Rosemary.** Pkt., 10 cts.; oz., 50 cts. Plants, see page 211.

***Rue.** For roup in fowls. Pkt., 10 cts.; oz., 50 cts.

Saffron. Used for flavoring. Pkt., 10 cts.; oz., 30 cts.

***Sage.** Leaves used for seasoning meats, etc. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50. For plants, see page 211.

***Savory, Summer.** Leaves and shoots are used for flavoring. Pkt., 10 cts.; oz., 50 cts.

***Savory, Winter.** Pkt., 10 cts.; oz., 50 cts. Plants, see p. 211.

Spearmint. Plants only, see page 211.

***Sweet Marjoram.** Leaves used green in summer and dried in winter for flavoring. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

***Tansy.** Pkt., 10 cts.; oz., 40 cts. Plants, page 211.

Tarragon. Plants only, see page 211.

***Thyme, Broad-leaved English.** Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00. For Plants, see page 211.

Thyme, French Summer. Used for seasoning, and attractive to bees. Pkt., 10 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$2.00.

***Wormwood.** Used medicinally. Pkt., 10 cts.; oz., 40 cts.

DREER'S RELIABLE

MUSHROOM SPAWN



English Milltrack Spawn. A splendid make of English Spawn which gives excellent results, producing large crops of Mushrooms. It is made with great care, and is full of live "mycelium." It is made in bricks, of about $1\frac{1}{4}$ lbs., and each brick is sufficient for 8 square feet of bed. Per brick, 25 cts. (by mail, 35 cts.); by express, 12 bricks, \$2.75; 25 lbs., \$4.00; 50 lbs., \$7.00; 100 lbs., \$12.00.

American Spore Culture Spawn. An American make of spawn, which produces Mushrooms of excellent quality and large size. It is produced from original spores of the best varieties, gathered, germinated and propagated under a famous French process, producing the most vigorous and prolific spawn. We furnish the Cream White No. 8 variety. Per brick, 35 cts. (by mail, 45 cts.); by express, 5 bricks, \$1.60; 10 bricks, \$3.00; 25 bricks, \$7.00; 50 bricks, \$13.00; 100 bricks, \$25.00.

Dreer's Mushroom Circular free on application. Tells how to prepare the Mushroom bed and take care of crop. If interested in growing Mushrooms write for a copy.

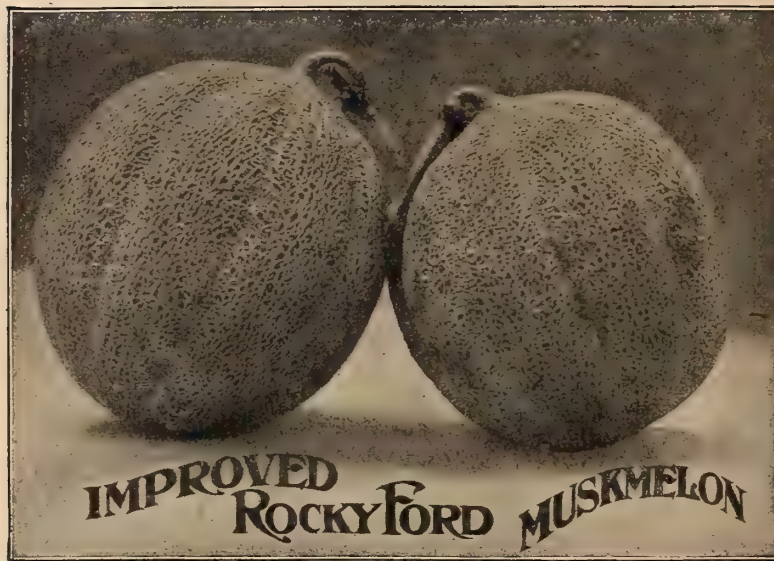
*Melon Muscade, FR.*

MUSKMELONS

Melon Almiscleon, SP.

One ounce will plant about 50 hills; 2 to 3 lbs. in hills per acre

CULTURE.—Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, hills 5 to 6 feet apart each way for Muskmellons, 8 to 10 feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds, after all danger of bugs is over, thin out to three or four plants per hill. A few hills for early use may be had, by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground. Melon vines are subject to the same destructive insect and fungous foes as are cucumber and squash vines. Early and repeated spraying with Bordeaux Arsenate of Lead Mixture is always advisable for these crops.



Rocky Ford Improved. (See cut.)

This Melon is of the Netted Gem type, oval in shape and beautifully netted. Melons about five inches in length, and have a delicious flavor; flesh is smooth and light green color. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Netted Rock. A distinct variety, about the same size as 'Rocky Ford. Thick green flesh which is very sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Netted Gem. One of the earliest small Melons. Light green, tinged with yellow, and of very fine flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Jenny Lind. The earliest variety; small size and excellent flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Montreal Market. Largest of the nutmeg varieties; flesh green. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Extra Early Hackensack. Skin green, turning yellow when mature; flesh green, very sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Delicious Gold Lined. (See Colored Plate and page 8.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Burrell's Gem. (See Specialties, page 7.) Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Bush Muskmelon. (See Specialties, page 7.) Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Honey Dew Melon. (See cut.) This new Melon is unlike the ordinary muskmelon or cantaloupe both in appearance and flavor, the outer skin being smooth, hard and nearly white. The melons are large, round to oval in shape, extremely thick meated and have a very small seed cavity; flesh is light green, very solid and of a rich honey-like flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Emerald Gem. A small early Melon; flesh salmon-colored and flavor is exceptionally fine. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Fordhook. An early salmon-fleshed variety which is attractive in appearance and of delicious flavor. Medium size, heavily netted and thick, juicy flesh. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Hoodoo. Grows to a convenient size. Flesh thick and firm; deep salmon or orange color. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Tip Top. Medium sized, nearly round. Flesh is deep yellow and has a rich flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Miller's Cream, or Osage. Large and round, light green, netted skin, and thick, sweet, salmon flesh. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Defender. Medium size, salmon flesh and delicious flavor; oval shape, slightly ribbed; Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Mango, or Vegetable Orange. Used for preserving. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

IMPORTED MUSKMELONS FOR FORCING

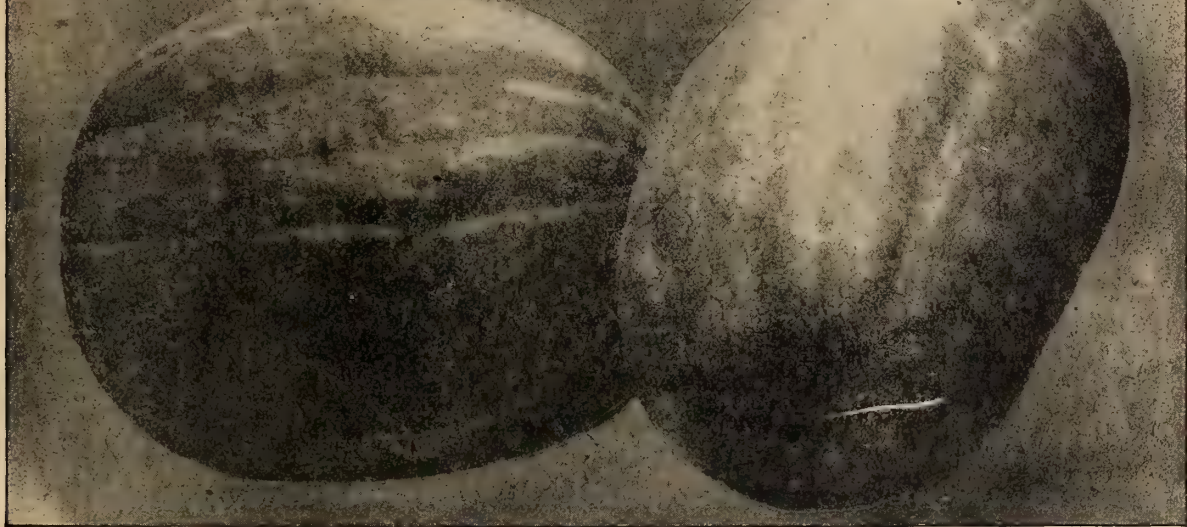
Blenheim Orange. A favorite variety; scarlet flesh, good flavor and very prolific. Pkt., 25 cts.

Windsor Castle. Green flesh, oval shape, finely netted, delicious flavor. Pkt., 25 cts.



BLUE GEM
OR ICEBERG

TOM WATSON



Melon d'eau, FR.

WATERMELONS

Zandia, SP.

One ounce for 30 hills; four to five pounds for an acre

CULTURE.—See directions given under Muskmelons. Watermelons, however, are slightly less subject to “bug” depredation and disease attacks than Muskmelons. At the same time they are more easily hurt by strong spray mixtures, and caution in the use of such mixtures is advisable.

Yellow Ice Cream.—(See Specialties, page 7): Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Harris' Earliest. This excellent Watermelon grows rather large for an early variety, slightly oval in shape, skin mottled light and dark green. It is uniform in size and shape; the flesh is solid, bright red, very tender and sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Cole's Early. An early variety. Large heart, flesh of fine texture and good flavor. Rind thin. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Blue Gem, or Iceberg. (See cut.) An excellent variety, which is similar in shape to the well-known Kolb's Gem, but has darker skin. The Melons grow to large size. The heart is large, and flesh, a beautiful shade of pink, darker than Kolb's Gem, extends close to the outer skin and is of sweet flavor. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Kolb Gem. Of a delicious sugary flavor, bright red flesh. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Florida Favorite. Of medium size, striped alternately light and dark green, flesh deep red, crisp and sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Dixie. A cross of Kolb Gem and old-fashioned Mountain Sweet, surpassing the former in earliness, productiveness and shipping qualities, and fully equalling the latter in quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Alabama Sweet. A large and attractive Melon which is oblong in shape, early in maturing and very sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Ice Cream. Skin mottled gray, flesh pink. Very solid and sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Dark Icing. Very solid, rind thin and highly prized as a shipper. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Mammoth Ironclad. Large size, solid and delicious flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Monte Cristo, or Kleckley Sweets. Very large, oval shape, skin dark green and somewhat mottled. The rind is thin, but hard, and the flesh is extremely sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Tom Watson. (See cut.) A large oblong Melon, the skin of which is dark green, with netting all over. It originated in Georgia, a State noted for producing fine Watermelons, and this new variety is a good example of what a first-class Watermelon should be. The rind is thin, but tough, and the flesh a bright, attractive red color, of a delicious, sweet and satisfying flavor. Its appearance and quality strongly recommend it both for home use and for market. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Sweet-Heart. Vine vigorous and productive. Oval shape, flesh bright red, solid and very tender, melting and sweet. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Colorado Preserving Citron. Excellent for making preserves. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

MARTYNIA

Culture.—The seedpods are used for pickling when gathered young and tender. Sown in open ground in May in hills 3 feet apart each way, or in a hotbed, and afterwards transplanted. If once planted in the garden voluntary plants are likely to spring up the following year from scattered seeds.

Martynia Proboscidea. Large size, with long horns. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Moutarde, FR.

MUSTARD

Mostazo, SP.

One ounce will sow 100 feet of drill

Culture.—A small, pungent salad used like cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly in shallow drills, 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded. Successive sowings can be made every week or two. To grow seed, sow in April, in rows 1 foot apart, and thin out to 3 inches apart when 2 inches high.

White London. Leaves dark green, small and smooth. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Chinese. Large, light green leaves, frilled at edge. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

DREER'S CHOICE ONION SEED

CULTURE.—For early green or bunching Onions, sow seed of Silver Skin or other hardy white varieties in early August in well prepared and well drained rich, loamy soil, giving 1 foot space between the rows, and using 20 pounds of seed per acre. In many localities they winter well without mulch or other protection. For dry (fall) bulbs, select a clean, rich, well-drained and

well manured piece of land, prepare a perfect seed-bed, and sow seed in early spring in drills 15 inches or so apart, using 4 to 5 pounds of fresh seeds per acre. Use wheel-hoe and weeder freely and thin plants to stand at least 2 inches apart in the rows. Pull when tops begin to die down, cure and sell, or store in a cool, dry place. For sets, select a clean sandy soil of medium fertility, prepare it well in early spring, and at once sow seeds in drills a foot apart, using 40 to 60 pounds of seed per acre. Gather the sets when ripe, cure and store in a dry, airy place. They may be wintered in a slightly frozen condition, but must be protected from repeated freezing and thawing. In early spring following plant them in shallow drills, 12 inches apart, and about 2 inches apart in the drill. By sowing seed of the Spanish type, such as Prizetaker and Southport Globes, under glass in January, February or March, and transplanting in April to open ground 3 to 4 inches apart in the rows, bulbs of immense size may be produced. **One ounce of Onion Seed for 200 feet of drill, 4 to 5 pounds for one acre.**

Ideal Yellow Globe. (See page 8.) Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Philadelphia Yellow Dutch. A good keeper and well flavored; bright straw-colored skin and somewhat flattened shape. Largely grown for sets on account of its excellent keeping qualities. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$2.75.

Yellow Globe Danvers. (See cut.) Onion growers throughout the country prefer this type of Onion to all others, and it is with this in view that the bulbs from which our seed is grown are especially and carefully selected as to shape. It is the best paying Onion that is grown for general crop, and has been the leading variety for years. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$2.75.

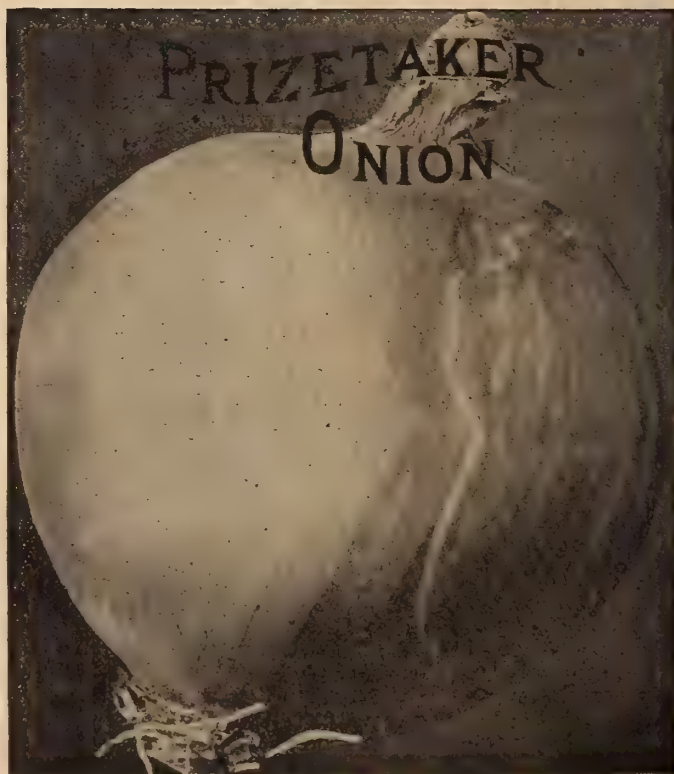
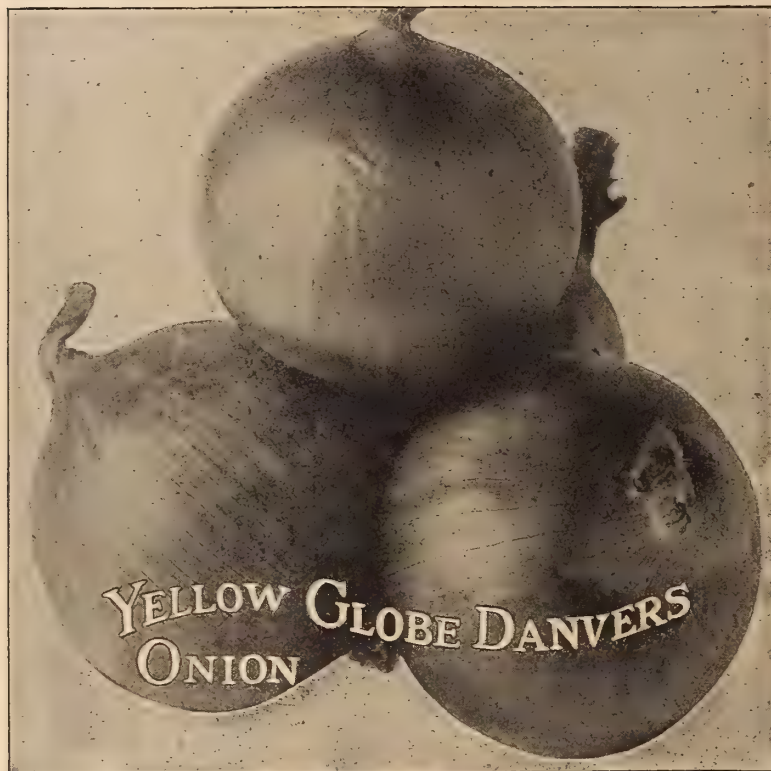
Prizetaker. (See cut.) The large size and handsome appearance of this Onion makes it equally desirable for the home garden or for market. It is strictly "fancy," and is found on fruit stands during the fall, where it is sold as Spanish Onion. The true Prizetaker Onion is globe-shape, has pale yellow skin and white flesh, which is very mild and of delicate flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Southport Yellow Globe. A very large, handsome, globular-shaped yellow variety, very productive, of mild flavor. The outer skin is pale yellow, and the flesh creamy white. The bulbs are of a beautiful globe shape and grow a little larger than the Southport Red Globe. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Gigantic Gibraltar. A large Onion, somewhat on the order of "Prizetaker," Globe-shape, with light straw-colored skin and white flesh, which is quite mild. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

Mammoth Silver King. Very large. Skin white and flesh tender. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

White Queen, or Barletta. Used for pickling. Pkt., 5 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.



DREER'S CHOICE ONION SEED—Continued

Southport White Globe. (See cut.)

Pure white color, and of very mild flavor, also equally as good for keeping as the Yellow Globe. Excellent for use as a medium crop, but most valuable when grown for the main crop, as the flesh is remarkably firm and solid. It is an enormous yielder, and as it is very attractive, always sells at high prices. It is best to dry these onions in a shady place, and give them plenty of air. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.

White Portugal, or Silver Skin. One of the leading white sorts, beautiful shape and mild flavor. The bulbs are flat in shape and mature early. A good variety for raising onion sets, as it keeps well. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

Extra Early Red. Earlier than the Wethersfield, and somewhat smaller, close-grained and a good keeper. The onions are flat in shape, grow very uniform and are somewhat strong in flavor. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Large Red Wethersfield. Grows to full size the first season from seed. The Onions are large, flat in shape, with skin of a purplish-red color and flesh of a purplish-white color, rather strong-flavored and an excellent keeper. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

Southport Red Globe. Beautiful globe shape, of medium size, a good keeper and of superior quality. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.10; lb., \$4.00.



CHOICE ONION SETS

Prices subject to market changes

If by Parcel Post add as follows: To points East of the Mississippi River, 10 cts. quart; West of the Mississippi River, 20 cts. quart.

Onion Sets should be planted in rows 12 inches apart, with sets 2 inches apart in the row. 1 quart will plant 100 feet.

	PER QT.	4 QTS.
White Onion Sets	\$0 40	\$1 40
Yellow Onion Sets	35	1 20
Red Onion Sets	35	1 20
White Potato (Multiplier)	40	1 40
Yellow Potato Onions	40	1 40
Shallots	50	1 80
Garlic	70	2 60

Chives. (See Vegetable Plants, page 210.)

When larger quantities of Onion Sets are desired, write for prices.

OKRA, OR GUMBO

Gombaud, Fr.

Quinbombo, Sp.

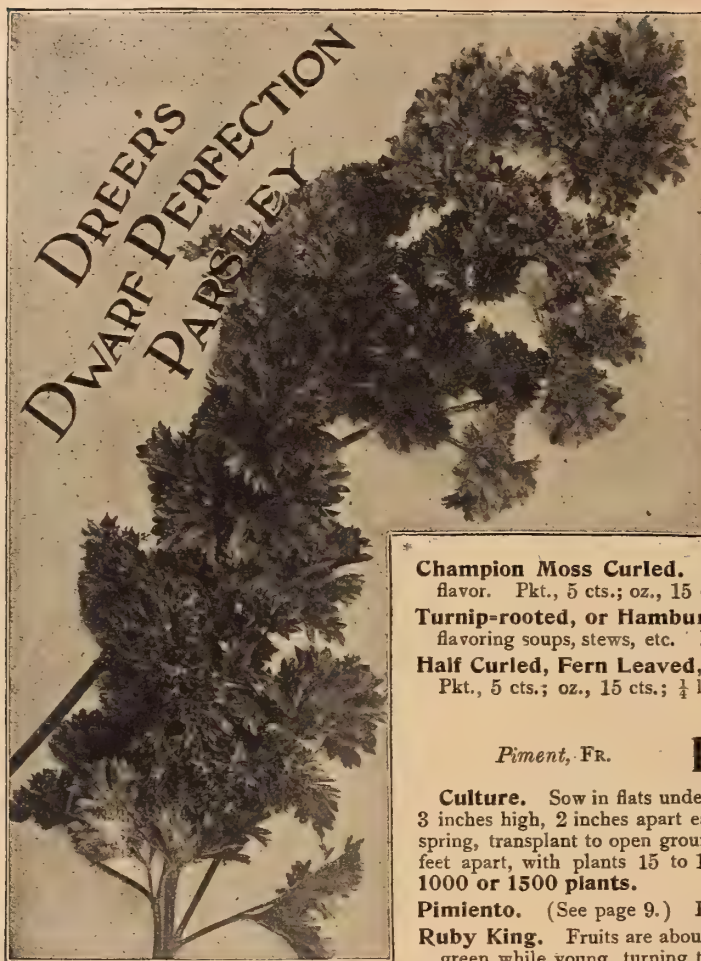
Culture.—This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor, and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart, 1 inch deep, thin to 10 inches apart in drills. Culture otherwise much like corn.

Perkins' Long-Pod Okra. An exceedingly handsome variety. The pods grow 4 or 5 inches in length and are very tender, long, slim and of a beautiful deep green color. On account of size and fine quality, this Okra is taking the place of other sorts. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

Dreer's Little Gem. Makes a stocky growth of plant and is very productive. The pods are long, slender and of a light green color. Pkt., 10 cts.; oz., 15 oz.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Improved Long Green. (See cut.) An old-time favorite; very productive and bears long pods, which are of good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

White Creole (White Velvet). Pods free from ridges and very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.



Persil, FR. **Parsley** *Perejil, SP.*

Culture. Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April in rows 1 foot apart and $\frac{1}{2}$ inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance; and often failing to come up in dry weather. To assist its coming up quicker, soak the seeds a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. **One ounce of seed for 150 feet of drill.**

Dreer's Dwarf Perfection. (See cut.) Growth is compact, color bright pea-green. The flavor surpasses all other Parsley. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50. Plants, see page 211.

Dreer's Summer Green. Especially adapted for summer. Leaves of dark green color. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Dwarf Extra Curled Perpetual. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Champion Moss Curled. A distinct variety, beautifully curled and splendid flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Turnip-rooted, or Hamburg Parsley. Root resembles a parsnip. Used for flavoring soups, stews, etc. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Half Curled, Fern Leaved, Plain. We furnish seeds of these 3 sorts, each at Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Piment, FR.

PEPPER

Pimiento, SP.

Culture. Sow in flats under glass in March; prick out in other flats when 2 or 3 inches high, 2 inches apart each way. When the weather has become settled in spring, transplant to open ground in warm, very rich soil, making the rows 2 to 3 feet apart, with plants 15 to 18 inches apart in rows. **One ounce of seed for 1000 or 1500 plants.**

Pimiento. (See page 9.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 40 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25.

Ruby King. Fruits are about four inches long, flesh thick and mild, color dark green while young, turning to bright red when ripe. Pkt., 10 cts.; oz., 75 cts., $\frac{1}{4}$ lb., \$2.25. For plants see page 211.

Chinese Giant. (See cut.) This variety is undoubtedly the largest Sweet Pepper ever offered. The fruits are bright scarlet, flesh is thick, remarkably sweet, without the least trace of fieriness. Requires a long season of growth. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

Ruby Giant. A variety of Mango Pepper, which is of a desirable size and shape for stuffing. A cross of Ruby King and Chinese Giant, grows to large size and is very mild. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

Giant Crimson. Upright growth and produces fruits nearly as large as "Chinese Giant." Ripens early and when matured, the Peppers are deep crimson and flesh very mild. Pkt., 10 cts.; $\frac{1}{2}$ oz., 45 cts.; oz., 80 cts.; $\frac{1}{4}$ lb., \$2.50.

Large Bell or Bull Nose. Large early variety. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75. For plants see page 211.

Neapolitan. A variety of Sweet Pepper which matures very early. It grows about 3 inches long and is remarkably sweet. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.25.

Long Red Cayenne. Pods are long and slender; bright red and very pungent. This is an old-time favorite and used extensively for bunching with pot-herbs. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

Long Sweet Spanish. The Peppers, sometimes grow six or seven inches long and two inches in diameter. The fruits are bright green, turning to a rich red when matured. Flesh thick and mild flavor. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

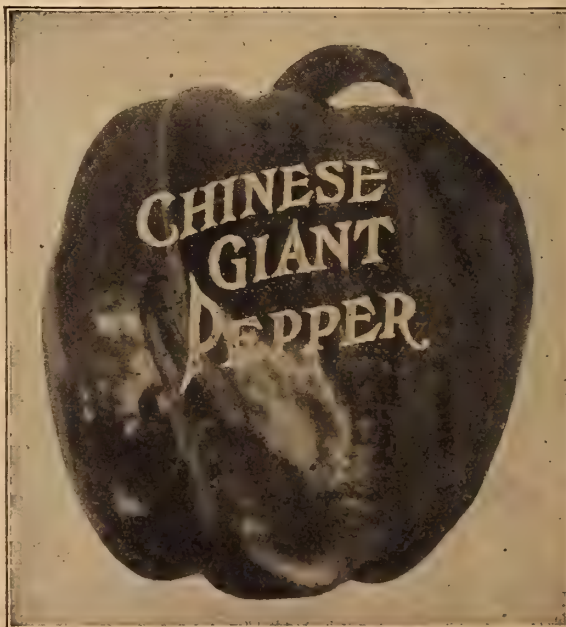
Small Chili. Red conical pods, about 2 inches long, very hot and prolific. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

Golden Dawn. A mild and sweet yellow Pepper; quite attractive. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

Tabasco. Small and very hot. Used as a condiment either in vinegar or for making sauce. Pkt., 10 cts.; oz., 80 cts.

	PKT.	OZ.	$\frac{1}{4}$ -LB.
Red Cherry. Very ornamental.....	\$ 10	\$ 50	\$1.75
Celestial. Small upright pods.....	10	50	1.75
Red Japan Cluster. Small and hot..	10	50	1.75
Creole, or Bird's Eye. Very small..	10	80	----

PEPPER PLANTS. (See page 211.)



Pois, Fr.

GARDEN PEAS *Chicaros o Ginsantes, Sp.*

One pound will plant about fifty feet of drill

CULTURE.—Peas of extra early smooth class are the very first thing to be planted in the garden in spring. The wrinkled sorts follow a little later, as they are not quite so hardy. Tall late varieties need brush or other support. By selecting sorts that do not grow much over two feet high, the necessity of providing brush may be avoided. Judicious selection of varieties and planting frequently for succession will give a full supply of the choicest green Peas almost during the entire season, with the possible exception of the hottest part of the summer. Open furrows three or four inches deep and three feet apart; scatter the seed Peas into them and cover with hoe or plow. Cultivate like corn or beans. The late tall sorts may be planted in double rows and brush stuck in between for support. All Garden Peas, however, require good strong and fertile land. Heavy yields cannot be obtained on poor soil. The very dwarf sorts of the American Wonder type will succeed only on the very richest garden land and may be planted in rows a foot apart.

Material for inoculating Peas will be found offered on page 224

PEAS BY PARCEL POST

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows:

To points East of Mississippi River, 7 cts. per pound.

To points West of Mississippi River, 12 cts. per pound.

Packets of all varieties of Peas, 10 cts. each.

EARLY VARIETIES

Market Surprise. (See Specialties, page 8.)

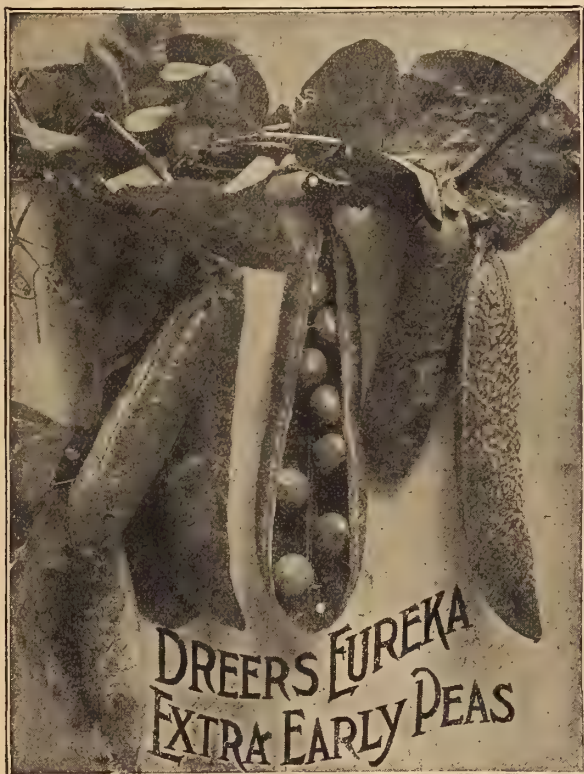
Dreer's Electric Extra Early. This has been our leading variety of Extra Early Peas for years and is the best of the small, round, blue-seeded extra early sorts. The vines grow very uniform and attain a height of 2½ feet, bearing an abundant crop of medium size, dark green pods, which are well filled with Peas of good flavor. It is not only valuable for early use but is especially adapted for planting in August, when most plantings of other varieties result in failure. We consider Dreer's Electric Extra Early the most reliable Pea for planting as early in the spring as the ground can be worked, and strongly recommend it for that purpose. By express or freight, at purchaser's expense, lb., 40 cts., 2 lbs., 70 cts. (if wanted by Parcel Post, add as stated at top of page); 10 lbs., \$3.00.

Dreer's Eureka Extra Early. (See cut.) One of the earliest and most prolific extra early varieties, which has given good results wherever grown. Vines grow to a height of about 20 inches and are very robust, bearing an abundant crop of pods which measure about 2½ inches in length, and are well filled with peas of excellent flavor. It is an extremely even cropper, and can be gathered clean in two pickings; height 20 inches. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (If by Parcel Post, add as stated at top of page), 10 lbs., \$3.00.

Alaska. A well known extra early round seeded pea which is extensively used for canning. It matures very early and the pods are of a dark-green color, while the peas are light green, medium in size and of good flavor for so early a variety; height 2 feet. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$2.75.

Gradus, or Prosperity. This splendid variety combines the finest quality with extreme earliness and is also very productive. Grows vigorous and healthy; vines about three feet in height, bearing pods fully as large as Telephone, and which are well filled with beautiful light green Peas, which color they retain after being cooked. The quality and flavor are delicious and a valuable feature with the "Gradus" is, that the Peas remain tender and sweet for a long time after having been picked from the vines. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$4.00.

Surprise Pea. This Pea is one of the earliest and sweetest of the wrinkled sorts. Vines grow about 2 feet high and are enormously productive. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$3.50.



Thomas Laxton. An early variety of large-podded Pea, which is very hardy and a strong grower, producing pods in abundance. The habit and growth of vine resembles Gradus, although the color is darker and pods more blunt in shape. The pods are well filled with large peas, which are very sweet. This variety will mature as early as many of the smooth extra early Peas and may be planted at same time; height 3 feet. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$4.00.

American Wonder. A very fine extra early wrinkled variety, well suited for the private garden. It is productive, very sweet, and one of the earliest, dwarf-wrinkled Peas. Although the vines of this variety are not very large, it is surprising how productive they are, and the pods are well filled; height 1 foot. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$3.50.

Nott's Excelsior. An improvement on American Wonder, being fully as early and the pods are larger, measuring nearly three inches. The vines make a healthy growth and produce a large number of pods which are well filled with very sweet and finely flavored peas. Desirable for market and home use; height 14 inches. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$3.50.

Premium Gem, or Little Gem. A fine dwarf-wrinkled variety. Vines grow 18 inches high and pods are borne on both sides of stalks, beginning near the ground and producing large crops. While the pods of this variety are not large, they are closely packed and shell out large quantities of peas which are of excellent flavor. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (If by Parcel Post, add as stated at top of page.) 10 lbs., \$3.50.

GARDEN PEAS—(Continued)

PEAS BY PARCEL POST

The prices given in this catalogue for Peas of all kinds are for same to be sent by express or freight at purchaser's expense. If wanted sent by Parcel Post, remit extra as follows: To points East of Mississippi River, 7 cts. per pound. To points West of Mississippi River, 12 cts. per pound.

Packets of all varieties of Peas, 10 cts. each

SECOND EARLY AND MEDIUM VARIETIES

Senator. (See cut.) Peas fit to pick in about sixty-one days, pods about 4 inches long, curved and rich dark-green color, well filled with medium size, green, wrinkled peas, which are very sweet and tender. These are the qualities which recommend this Pea to every one who has a garden; height, 3 feet. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.50.

Lincoln. In addition to being extremely productive, this fine English variety of Pea is of most delicious quality. Grows about 1½ feet high and produces long, curved, deep green pods in pairs, literally covering the plant. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.50.

Abundance. Pods contain 6 to 8 wrinkled Peas, and ripen about one week after the earliest kinds; height, 1½ feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.

Advancer. Prolific, well filled, long pods, tender and delicious flavor; 2 feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.

Shropshire Hero. Produces long, handsome, well-filled pods in great abundance; 2½ feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.

Long Island Mammoth, or Telegraph. A very productive late variety; 4 feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.00.



GENERAL LATE CROP

Dwarf Champion. (See cut.) A splendid dwarf variety which is very hardy, productive and of fine quality. Has less vine and produces larger pods than Champion of England; height, 2 feet. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.50.

Telephone. A large podded Pea for general crop. The vines are very strong in growth and average 18 to 20 pods per stalk; the pods are of large size, containing 6 to 7 peas each, which are of a pale green color, closely packed in the pod, and of a most delicious flavor; height, 3½ feet. By express or freight, at purchaser's expense, lb., 45 cts.; 2 lbs., 80 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$3.50.

Carter's Daisy, or Dwarf Telephone. This is a Dwarf variety, bearing large, handsome pods like Telephone; height, 18 inches. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs. 90 cts. (if by Parcel Post, add as stated on this page); 10 lbs., \$4.00.

Prices given below for Peas are for same by express or freight at purchaser's expense. If wanted by Parcel Post, add as stated at top of page.

	Lb.	2 Lbs.	10 Lbs.
Everbearing	\$0.40	\$0.70	\$3.00
Yorkshire Hero.....	.40	.70	3.00
Champion of England.....	.45	.80	3.50
Pride of the Market.....	.50	.90	4.00



GARDEN PEAS—Continued

Packets of all varieties of Peas, 10 cts. each.

Potlatch. (See cut.) A large-podded variety of wrinkled Pea, which is very productive and of excellent quality. The vines grow to a height of about 20 inches; foliage is a healthy dark green color and the crop matures in about 65 days. The pods, which are borne in pairs, are long, dark green, and well filled with large Peas. Because of its great productiveness and fine quality, the "Potlatch" will surely please all who plant it. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lb., 90 cts. (If wanted by Parcel Post add as stated on page 36.) 10 lbs., \$4.00.

Improved Stratagem. Pods of immense size, filled with very large dark green Peas of the finest quality. The vines make a sturdy growth, and are well filled with the large, handsome pods; height, 18 inches. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs.; 90 cts. (if by Parcel Post add as stated on page 36); 10 lbs., \$4.00.

Large White Marrowfat. Height, 5 feet. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$2.75.

Black-eyed Marrowfat. Height, 4 feet. By express or freight, at purchaser's expense, lb., 35 cts.; 2 lbs., 60 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$2.75.

French Canner (*Petit Pois, or Small French Pea*). Very prolific, with long, slim pods, containing from 7 to 10 peas; 3 to 3½ feet. By express or freight, at purchaser's expense, lb., 40 cts.; 2 lbs., 70 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$3.00.

Melting Sugar. The pods grow 5 to 6 inches long, and are cooked with the Peas. Height, 5 ft. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$4.00.

Giant Sugar. The largest podded variety. Pods are very tender and sweet. Height, 5 ft. By express or freight, at purchaser's expense, lb., 50 cts.; 2 lbs., 90 cts. (if by Parcel Post, add as stated on page 36); 10 lbs., \$4.00.

FIELD PEAS. (See page 49.)

Panais, Fr.

PARSNIP

Chirivia, Sp.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre

Culture. Sow as early in the spring as the weather will admit in drills 18 inches apart and 1½ inches deep in a rich deep soil; thin out 3 to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars in the fall for immediate needs.

Student, or Guernsey. A long smooth variety which grows uniform in shape, and is of excellent quality, being tender and sweet. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.

Large Sugar, or Hollow Crown. (See cut.) The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. This strain was made by careful selection of roots growing to an ideal shape and having the distinct hollow crown. We have been improving it for some years past, and now have it nearly perfect, the roots growing uniform in size and shape, making a very attractive appearance and especially desirable for market gardener's use. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 40 cts.; lb., \$1.25.



Pomme de Terre, Fr.

POTATOES

Potatus, Sp.

Culture. Any good well drained fibrous loam will produce Potatoes under right climatic conditions. For early Potatoes, which mature in 8 to 10 weeks from planting, the soil must be particularly rich. A rich clover sod, manured and broken the year before and planted to corn, beans, peas, oats, etc., is in best shape for giving a good yield of nice clean potatoes. Stable manure had better be applied to the land the year before, while some good complete fertilizer, at the rate up to 1000 pounds per acre, if applied broadcast, or 400 to 600 pounds if applied mostly in the rows, may be used directly for the Potato crop. Open furrows 3 feet apart and 3 to 4 inches deep. Apply the fertilizer, and run the furrower or small plow again in the furrow to mix the fertilizer with the soil and leave a mellow seedbed. Then plant good-sized pieces, each one containing not less than 2 or 3 eyes, 15 inches apart in the furrows for early potatoes, and 18 inches apart for late ones. In some of the large Potato sections the Potatoes are always planted in check rows 3 feet apart each way. Cover with coverer, small plow or other suitable tool. Cultivate often. Spray with Bordeaux Arsenate of Lead Mixture as a protection from flea beetle, potato beetle and blight. 8 to 10 bushels will plant an acre.

IMPORTANT.—Prices of Potatoes are subject to market changes. Potatoes are forwarded in sacks, by express or freight as directed purchaser paying charges. We assume no risk on Potatoes, which are shipped strictly on purchaser's responsibility.



Dreer's Early Standard. (See cut.) An extremely early variety, which matures fully one week ahead of the Bovee. The plants are of dwarf, compact habit in growth, strong and healthy, and it usually produces a large crop of smooth potatoes, which are roundish in shape, beautiful white skin, very smooth and few eyes. Peck (15 lbs.), 95 cts.; bu. (60 lbs.), \$3.40; sack (165 lbs.), \$9.00.

Irish Cobbler. One of the first varieties of Potatoes to be ready for use. The skin is creamy white, sometimes netted, which is an indication of good quality; eyes are strong, well developed and but slightly indented. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Bovee. Earlier than Early Rose and much more productive. The vine is dwarf, skin pink, and the quality is all that could be desired. Keeps well for an early variety. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Early Rose. Shape long and good size. It cooks mealy and is of good flavor. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Beauty of Hebron. Early and productive. Tubers large, keep well. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Rural New Yorker No. 2. A valuable variety of large size, very smooth. It is a great cropper and keeps well. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

State of Maine. Medium early, splendid flavor, cooks dry, is a good keeper and very productive. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

Green Mountain. A well known late variety which is suitable for planting in various soils, even producing fair crops on soils which are not in high fertility. The tubers grow to a fairly large size, flesh is white and of good quality. Peck (15 lbs.), 85 cts.; bu. (60 lbs.), \$3.00; sack (165 lbs.), \$8.00.

SWEET POTATO PLANTS, SEE PAGE 211.

Potiron, Fr.

PUMPKIN

Calabaza, Sp.

Culture. Sow in good soil in May, when the ground has become warm, in hills 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn. Pumpkin varieties if planted together will mix. There is not much danger of their mixing or hybridizing with squashes or other vines. One ounce for 25 hills, 3 pounds for an acre.

Mammoth Golden Cashaw. (See cut.) An improvement on the old Cashaw Pumpkin, the skin being golden-orange color. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., \$2.25.

Sugar, or New England Pie. For making pies this variety cannot be excelled. The Pumpkins are small but very sweet and fine-grained. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50.

Winter Luxury Pumpkin. A splendid pie Pumpkin, round; skin finely netted. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Large Yellow Mammoth Potiron (King of the Mammoths, Jumbo). Specimens have been grown weighing over 100 pounds. Pkt., 10 cts.; oz., 25 cts.; ¼ lb., 70 cts.; lb., \$2.25.

Quaker Pie Pumpkin. Fine-grained, oval-shaped and rich flavor; keeps well. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Large Cheese. Flesh yellow and sweet. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50.

Tennessee Sweet Potato. Pear-shaped. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

Large Yellow Field. Oz., 15 cts.; ¼ lb., 45 cts.; lb., \$1.50. By express, 10 lbs., \$13.50.



Radis, Rave, Petite Rave, Fr.

RADISH

Rabana, Sp.

One ounce of seed will sow 100 feet of drill

CULTURE.—Sow early and often. In good, warm, fibrous loam, especially if quite sandy, summer Radishes will make a crop in 4 to 6 weeks from sowing. The soil should be well prepared and fertilizers may be used freely. Have the rows a foot apart, and sow just seed enough so that they will not require thinning. Any little spot that becomes available during summer may be utilized for planting Radishes. The short or turnip-rooted sorts are quickest and easiest to grow, and good for forcing also. On greenhouse bench or frames the rows need not be more than 4 inches apart. Sow winter Radishes in July and August. They grow best in the cooler Autumn weather. Take them up before severe freezing and store in sand in the cellar or in a pit, where they will keep tender and crisp all winter.

Dreer's Crimson Ball. (See Colored Plate and page 9.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Earliest Red May. (See Specialties, page 10.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Earliest White May. (See Specialties, page 10.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

New Ruby. (See Specialties, page 10.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Cardinal Globe. (See cut.) Those who like the crisp little red Radishes that come so early will be pleased with this variety. The Radishes grow globular in shape, and are of a most brilliant cardinal-red color. It will stand considerable heat; therefore, it is a quick forcer, and the quality is fine, being crisp and tender. It is by far the best variety for forcing, and also does well in open ground, thus making it an extremely valuable and desirable sort for planting in the home garden and for market gardeners' use. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

French Breakfast. A very early variety. Oblong shape, mild and tender. The skin is a lively pink in color on the upper portion, but lower part is pure white. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Early Scarlet Turnip. Small top, quick growth, mild and crisp. Largely used for early planting in open ground. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

New Perfection. (See cut.) This type of Radish, having red skin with white tip, has long been a favorite, and with this variety the white portion extends farther up than with ordinary Scarlet Turnip White Tip Radish. The general contour is turnip-shape, and size medium, very uniform, with flesh crisp, tender and sparkling. The rapidity of its growth recommends "New Perfection" for growing in the greenhouse, but it is equally as valuable for sowing in the garden. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.



Crimson Giant. Suitable both for forcing or early planting out of doors. In shape it is round to oval, and very attractive. The flesh is mild and tender, and we recommend it to our customers as one of the best in its class, having found it to be such in our extensive trials. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Round Red Forcing. One of the earliest of the Turnip varieties for forcing; short-leaved, small top; color of skin dark red, and the flesh is white. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

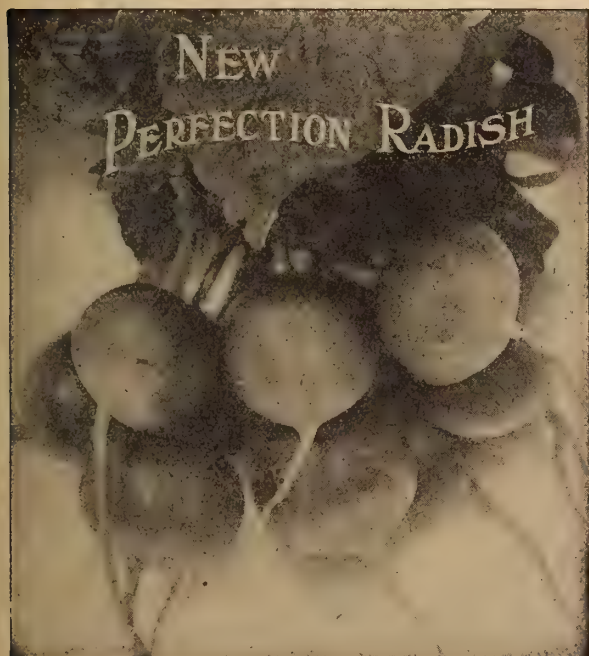
White-tipped Scarlet Gem. Leaves short and excellent for forcing; color bright scarlet with white tip. It is a very handsome variety and exceedingly rapid grower. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Cincinnati Market. An extra early variety of the Long Scarlet type; of a clear bright red color and grows to large size. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Long Scarlet Short Top. Long, bright scarlet, with small top. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

Dreer's Crystal Forcing. Of remarkably quick growth, beautiful shape; small top. A very desirable and shapely Radish; in fact, we consider it superior to any other round white forcing Radish. Compared to such white sorts as White Box, Round White Forcing, etc., it is far superior. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Philadelphia White Box. A good turnip-shaped variety, which may either be grown in the garden or under glass. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



RADISH—Continued

SUMMER RADISHES

Iceberg Radish. (See cut.) Can be used for summer or in forcing frames, and makes radishes measuring from four to five inches long and half to three-quarter inch thick. Matures earlier than any other long white radish and is attractive, being pure white, almost transparent, and very tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Dreer's White Delicacy. A very attractive, oblong Radish which is especially adapted for summer growing, as it stands hot weather. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

White Strasburg. Roots oblong; pure white; mild flavor. Can be used while quite small. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Beckert's Chartier. Long crimson, shaded white. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Long White, or Lady Finger. Skin and flesh are pure snow-white; crisp and of rapid growth. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

WINTER RADISHES

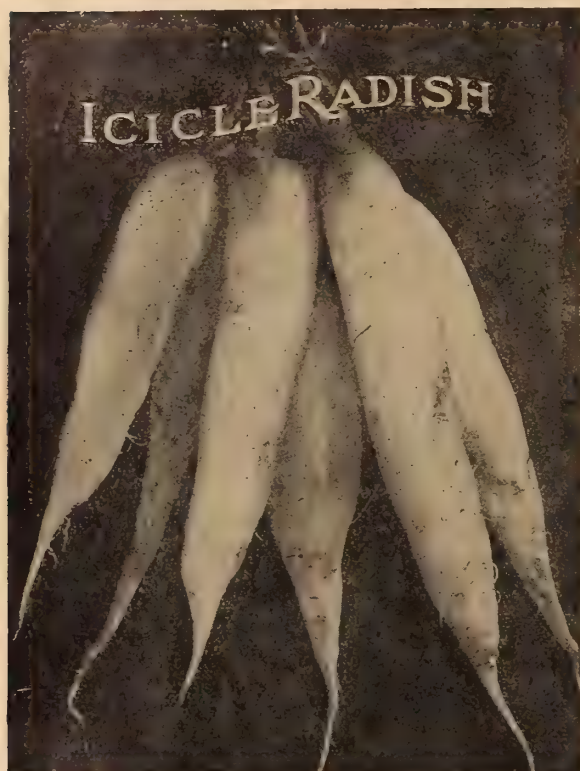
White Chinese, or Celestial. One of the best winter Radishes; stump-rooted, and even when extremely large the Radishes are solid, crisp and of a mild flavor; skin pure white and Radishes may be used at all stages of growth. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Scarlet China. Bright rose color. Flesh white, crisp and pungent. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Round Black Spanish. Excellent for winter use. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Long Black Spanish. Long in shape, of good flavor. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Long White Spanish. Good flavor and keeps well. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.



Rhubarb, Fr. **RHUBARB** *Ruibarbo, Sp.*

One ounce of seed to 125 feet of drill

Culture.—Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 or 5 inches. Keep soil loose and free from weeds. The plants are liable to vary considerably. Pick out the strongest and best. In fall or spring following, transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. The more manure the better stalks. For winter forcing take up two-year roots in fall, leave out to freeze, then bed close together on cellar bottom or under greenhouse bench in the dark.

Linnaeus. Early, large, tender and very fine. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Victoria. Very large, the finest cooking variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

(For Rhubarb Roots see page 211)

Salsify, Fr. **SALSIFY** *Ostion Vegetal, Sp.*

or **VEGETABLE OYSTER**

One ounce for 50 feet of drill

Culture.—Used the same as carrots, or, after having been boiled, made into cakes and fried like oysters, which they resemble in flavor. Cultivate the same as carrots or parsnips; it is hardy; can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during winter. Succeed best in light, well-enriched mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep; thin to 6 inches in rows.

Mammoth Sandwich Island. (See cut.) This variety of Salsify grows to a very large size and resembles a good-sized Parsnip. It is very mild and delicately flavored, and very popular. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Long White. A favorite market variety and fine flavored. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Long Black, or Scorzonera. Resembles above, but black. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.



Espinard, Fr.

SPINACH

Espinaca, Sp.

Culture.—For spring and summer use sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich. The stronger the ground the more delicate and succulent will be the leaves. The New Zealand Spinach, which requires more room, as it makes a large and spreading plant, may be started from seed early in the spring to give greens during the heat of summer. Light applications of nitrate of soda have often a magic effect on Spinach. **One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.**

Dreer's Round-seeded Savoy. (See cut.) This is the hardest large Savoy-leaved; curled and crimped, with thick, fleshy leaves; excellent for family use, and best of all for fall sowing. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Long Season. Leaves dark green, crumpled and of good quality. It may be sown each month during summer. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Victoria. Thick leaves and fine texture, heavily crimped and dark green. Good for spring sowing. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Long-standing Round-seeded. A large, crimped, thick, fleshy Savoy-leaved variety. Slow to run to seed. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Prickly-seeded. Very hardy; bears medium sized leaves. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

New Zealand. This endures heat and is best for summer. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Swiss Chard, or Spinach Beet. See page 17.



Courge, Fr. **SQUASH** *Calabaza, Sp.*

Culture.—Plant in well-manured hills, the bush varieties 4 feet apart each way, the winter sorts 10 to 12 feet each way. Use seed freely, 8 to 12 seeds to the hill, to provide for losses by insects. When danger of such loss is past, thin to 2 or 4 plants to the hill. To repel the squash vine borer, throw a handful of tobacco dust close around the plants. The large, strong-smelling black squash bug can be kept in check by hand-picking, going over the vines at frequent intervals. For yellow-striped beetle and blight, spray early and repeatedly with Bordeaux Arsenate of Lead Mixture. **One ounce of seed for 25 hills, 3 to 4 pounds to an acre.**

Extra Early Jersey White Bush. (See Colored Plate and page 9.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Delicious. (See Specialties, page 10.) Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Golden Custard Bush. Similar in shape to the White Bush variety, but skin is a rich golden yellow and flesh pale yellow. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 70 cts.; lb., \$2.25.

Giant Summer Crook-neck Squash. Much larger than the original Summer Crook-neck and more desirable, being fully as early and of more vigorous growth. The flesh is thick, yellow, and of splendid quality. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Warted Hubbard. A Hubbard Squash with warted skin. The vines grow strong and produce a large number of Squashes, which are of good size and keep well. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Hubbard. A reliable old time variety of Winter Squash. Large size, flesh bright orange color, fine grained, dry and has a good flavor. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Golden Hubbard. Shape same as old-fashioned Hubbard, but skin is rich orange color. The flesh is deep golden-yellow. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Boston Marrow. A good keeper and of excellent flavor. The flesh is orange colored and fine grained. Oval form and a popular sort for winter use and canning. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Mammoth Chili. (See cut.) Rich orange-yellow; flesh thick and of good quality for making pies; also a good sort for feeding stock. It grows to a large size and is an excellent keeper. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

VEGETABLE MARROWS

Long Cream. (See Specialties, page 9.) Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

English Marrow. A bush variety; fruits shorter than Long Cream. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

Long Green. Long and rather slim, with striped green skin; a vine variety. Pkt., 15 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Cocozelle Bush. Oblong, skin green striped; excellent quality. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.



Tomato, Fr.

TOMATO

Tomate, Sp.

One ounce of seed will produce from 3,000 to 4,000 plants

CULTURE.—For first early Tomatoes select varieties of the earliest types, and start the plants under glass during February. When plants are 2 inches high, transplant into flats, thumb pots or plant boxes, and later on transplant again, giving more room. Never crowd the plants, but keep them short and stocky. Plants already in bloom or with fruit set, if in wooden plant boxes or in pots, may be transplanted to open ground without disturbing their roots, and will continue to bloom and fruit without check. Set these sorts 4 feet apart each way in warm, mellow soil of fair fertility as soon as danger from belated frost is past. For main crop, the plants can be started somewhat later, in hotbed or cold frame, once transplanted to keep them stocky, and then set in open ground in fairly warm soil, 5 feet apart each way. A very ornamental show can be made in the home garden by training tomato plants to stakes, poles or trellis. Applications of superphosphate, or of some good complete (vegetable) fertilizer often have a very happy effect on Tomatoes in hastening maturity and increasing the yield.



Spark's Earliana. (See cut.) This is an extremely early variety of Tomato, and produces large clusters of fair size fruits, which are very uniform in size and shape. It is hardy, and can be set out early. Color of flesh deep red, very solid and fine flavor. Our strain of this variety is equal to the best that can be obtained, and was grown for us in the section of New Jersey in which it originated, and where it is still largely grown for early market. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Beauty. Rich glossy crimson, with a slight purple tinge; large size, very smooth, solid and productive. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Matchless. A large, bright red Tomato, very solid and meaty. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Trophy. An old-time favorite. Large size, smooth, solid and excellent flavor. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Ponderosa. Fruits very large, purplish-pink, solid and continues ripening until frost. This is a splendid main-crop variety, especially where large size is desired. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00. For Plants see page 211.

Crimson Cushion. Large size, nearly round and of very good quality. The color is bright scarlet and flesh very thick and meaty. Specimens of this Tomato have weighed as heavy as one pound. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

John Baer. (See Colored Plate and page 8.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50; $\frac{1}{4}$ lb., \$1.50.

Bonny Best. (See Specialties, page 10.) Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Dreer's Superb Salad. (See Specialties, page 10.) Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Early Detroit. (See Specialties, page 10.) Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Comet (Forcing). An excellent variety for forcing. Fruits medium size, rich scarlet, good quality and produced in clusters. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

Lorillard (Forcing). A good sort for forcing under glass as well as for outdoor culture; bright red, smooth, early. Pkt., 10 cts.; $\frac{1}{2}$ oz., 30 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

June Pink. This is really a pink "Spark's Earliana," as it resembles that variety in every way except the color, which is pink. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Dwarf Champion. An early and distinct variety, medium in size, plant of dwarf and compact growth. Color purplish-pink. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Paragon. A fine early variety. Fruit deep red, solid and smooth as an apple. A good Tomato either for slicing or canning. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Favorite. Large size, ripens evenly and early; very prolific, good flavor. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

Acme. Medium uniform size, round, very solid, of a pinkish color. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00.

The Stone. The fruits are large and deep, bright scarlet, smooth, ripening evenly to the stem and exceedingly solid and firm-fleshed. It is very productive and the Tomatoes are heavy and thick-meated, making it a valuable variety for family use and for canning purposes. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., \$1.00. For plants see page 211.

Dwarf Stone. This Tomato resembles the Stone in shape. Very solid, ripens evenly and of excellent flavor. Pkt., 10 cts.; oz., 45 cts.; $\frac{1}{4}$ lb., \$1.25.

Golden Queen. A very handsome large yellow Tomato. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

PRESERVING TOMATOES.—The following small-fruited varieties are used for making preserves, and are also quite ornamental. **Pear-shaped Red, Pear-shaped Yellow, Yellow Plum, Yellow Cherry, Red Cherry, Red Current, Red Peach, Strawberry, or Ground Cherry.** Each at 10 cts. per pkt.; 45 cts. per oz.

TOMATO PLANTS. See page 211.

SORREL

Oseille, Fr.

Acedera, Sp.

Culture.—Used for soups and salads on account of its pleasant acid flavor. Sow seed in any good garden soil, in shallow drills a foot apart. Thin plants to a few inches apart and remove seed stalks as soon as they appear.

Large-leaved Garden. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Navet, FR.

TURNIP

Nabo, SP.

One ounce will sow 200 feet of drill, one to two pounds for an acre

Culture. For early, sow seed of flat varieties in open ground in spring in drills one foot or more apart, using seed sparingly. Thin to 3 or 4 inches apart. For succession sow every two weeks until June. For fall and winter sow in July and August. A good crop may often be grown by scattering seed thinly in the cornfield at last cultivation. For Ruta Bagas sow seed in seed-bed in spring and transplant to good warm soil, in rows at least 2 feet apart and 8 or 10 inches apart in the rows, or sow in open ground during June and early July. Take up the roots just before winter, top and store in cool cellar, or pit outdoors.

Purple Top White Globe. (See cut.)

This type of Turnip is more largely grown than any other, both for table use and feeding stock during the winter. It is in fine condition for table use when of medium size, but should be allowed to grow large when used for cattle feeding. It is globular in shape, very handsome and of superior quality. The flesh is white and skin white, with purple at portion which grows above the ground. It is in best condition for table use when roots are about three inches in diameter. Grows rapidly and produces large crops. It keeps well and is one of the best varieties grown; very largely used for market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Red or Purple Top (Strap-Leaf.) This

is an old-time variety, but still largely grown in the Southern States. It is an early strap-leaf sort which is good for early spring and fall use. Roots flat, top red or purple, flesh fine grained and mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Early White Flat Dutch (Strap-Leaf.)

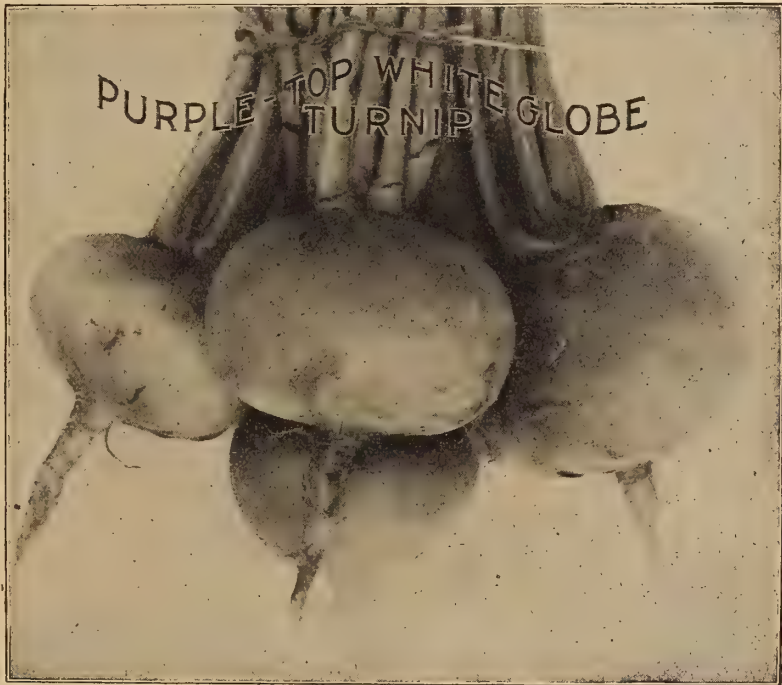
This is an Early white fleshed variety, of quick growth, mild flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Extra Early Purple-Top Milan.

Handsome appearance, somewhat flattened, white, with purple top, flesh snow-white. Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Early White Milan. Like above, but pure white. It matures very early and may be grown close together in the row.

Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

Snow Ball. A fine-looking pure white variety which matures in from six to seven weeks. The bulbs have a smooth white skin and are nearly round. This Turnip does not grow large, but is one of the best to sow very early in the spring. It can be used before fully grown, in which case it is very tender and sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.**Early White Egg.** Mature very quickly and is adopted for either spring or fall sowing. It is egg-shaped, and very smooth with thin skin. The tops are small and roots which grow partly above the ground are of medium size, pure white skin and flesh which is fine grained and sweet. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.**Long White, or Cow Horn.** Grows very quickly, partly above ground; very productive; flesh white, fine grained and sweet; of excellent quality for family use and for stock feeding. The roots are very large, sometimes fifteen inches long and two inches in diameter. This turnip is also largely used for turning under as a green manure in conjunction with Crimson Clover, and is very valuable for that purpose. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.**Yellow Globe (Amber Globe).** One of the best of the yellow Turnips for a general crop. It produces a globe-shaped root, with smooth skin and light-yellow flesh, which is firm and sweet. It grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.**Golden Ball.** A rapid grower of excellent flavor, globe-shaped, medium size; bright yellow color, good keeper and a superior table variety or for use in feeding stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.**Yellow-Aberdeen, Purple Top.** Very hardy and productive, good keeper, globe shaped and fine quality. The Turnips grow to a large size and are valuable for feeding stock. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

RUTA BAGA

Dreer's Improved Purple Top. This special strain of

Ruta Baga is remarkable for uniform shape and fine quality, and is also a splendid keeper. They grow to a large size, skin is smooth and flesh a beautiful yellow color and fine grained. The flavor is good, being very sweet and tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

Budlong's Improved. White, very sweet; much milder flavor than any of the other sorts; globe-shaped; skin a creamy-yellow. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.**American Purple Top.** Very hardy and productive. The flesh is yellow, solid and sweet; good for stock or table use. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.**Skirvings' Purple Top.** An important variety of large size and strong growth; a heavy cropper and one of the best. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

TOBACCO

Tabak, FR.

Tabaco, SP.

One ounce of good seed is sufficient for an acre

Culture. Sow seed for plants early in spring in frames or seedbed, using soil well enriched with wood-ashes, etc. Transplant to open ground when weather has become warm and settled, in rows 4 feet apart, and give cultivation as for corn.

Connecticut Seed Leaf. One of the best varieties for cigar wrappers. The leaves are of good width and length and grow closely on stalk. Pkt., 10 cts.; oz., 40 cts.

Pennsylvania Seed Leaf. Produces a very large, handsome leaf which is of good quality. Extensively grown in Lancaster County, Pa. Pkt., 10 cts.; oz., 40 cts.

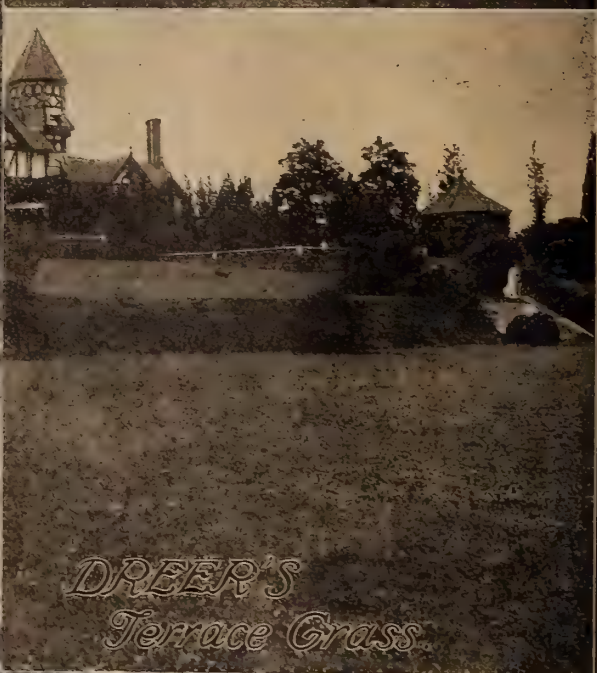
Havana. The seed we offer is the best Vuelta Abajo, obtained by us direct from Cuba, and is the finest flavored Havana tobacco grown. Pkt., 15 cts.; oz., 75 cts.



*The "DREER"
Lawn Grass.*



*DREER'S
Shady Place
Grass.*



*DREER'S
Terrace Grass.*



*DREER'S
Permanent Pasture Grass.*

DREER'S CELEBRATED LAWN GRASS SEEDS

OUR special brands of Lawn Grass Seeds are noted for their adaptability to various situations and soil conditions, and are now used in every section of the country for making private lawns, and also on the grounds of many leading Country Clubs, Athletic Clubs, Golf Links, etc. The lawns at the **Alaska-Yukon-Pacific Exposition**, held during the summer of 1909, were made with "Dreer's Lawn Grass," and we were awarded a **Gold Medal** for same. Many other prizes have been awarded us for Grass Seeds, including a **Gold Medal** by the **Pan-American Exposition**, held at Buffalo, N. Y.

THE "DREER" LAWN GRASS

This is by far the best mixture of grasses offered for the purpose of quickly producing a permanent lawn. It is prepared from our own formula, and is a careful blending of varieties adapted to producing the thick growth and velvety appearance so much sought after. Each variety of grass in its composition is there for a special purpose; some for making strong fibrous roots, which take hold upon the soil and keep the turf in place, others of a creeping nature quickly fill up any bare spots which may be caused by the taller sorts dying down; varieties which are useful for their color value, and also kinds that are able to withstand the beating down of excessive rains.

Whether you want to seed a small grass plot in your yard, or a lawn of more pretentious size, you should use this grass mixture. For the convenience of customers, we put this seed up in various-sized packages, from the single quart, which is sufficient to cover 250 square feet of ground, to such quantities as are required for seeding large lawns, where from five to six bushels of seed to the acre are required. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense, qt., 30 cts.; 4 qts., \$1.00; peck, \$1.50; bushel (20 lbs.), \$6.00.

DREER'S SHADY PLACE GRASS

Usually it is quite difficult to obtain a satisfactory growth of grass under trees and in shady places. For sowing in such places we recommend the use of this special mixture. It will quickly produce an abundant and even growth of beautiful green grass. The grasses used in making this special mixture are only those that are well adapted for growing in shade, and as it blends well with our regular Lawn Grass mixture, it may be used on those portions of the lawn which are shaded by trees, buildings, etc., thus covering the whole area with a rich green sward. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense, qt., 30 cts.; 4 qts., \$1.00; peck, \$1.50; bushel (20 lbs.), \$6.00.

DREER'S TERRACE GRASS

Ordinary lawn grass will not hold the soil on terraces and embankments, which require a thick turf, composed of varieties which make strong roots to take hold of the soil and prevent washing by heavy rains. Our Terrace Grass is a carefully prepared combination of such grasses as will fill the requirements by making a quick growth of grass which will form a strong mat and present a good appearance. It will grow well anywhere, but it is best to enrich the soil, in order to provide nourishment to the young roots and give a vigorous start to their growth. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense, qt., 30 cts.; 4 qts., \$1.00; peck, \$1.50; bushel (20 lbs.), \$6.00.

SEASHORE LAWN GRASS

A rich, green lawn is especially desirable at the seashore, but unless the right mixture of grasses and clover are used the result will be disappointing. Our Seashore Lawn Grass is composed of strong-rooted varieties which quickly produce a good turf. In preparing the land it should first be top-dressed with about four inches of good soil, as grass will not grow well in sand, but the seeds will quickly germinate in the top-soil and make strong roots, which reach down into the sand for moisture. In order to keep the seaside lawn in good condition it should be watered liberally every evening, and also have an occasional application of pure Bone Meal in order to keep up a vigorous growth. Per qt., 35 cts., postpaid. By express or freight, at purchaser's expense, qt., 30 cts.; 4 qts., \$1.00; peck, \$1.50; bushel (20 lbs.), \$6.00.

DREER'S "EVERGREEN" LAWN GRASS

This special mixture produces beautiful and permanent lawns. It is made from our own formula and composed of grasses which are adapted for the purpose of producing turf which retains its rich green color and velvety appearance throughout the entire summer and fall. In making up this brand we are careful to use seed that has been thoroughly re-cleaned. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, per qt., 25 cts.; 4 qts., 80 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

DREER'S FAIRMOUNT PARK LAWN GRASS

This mixture is well suited for various soil conditions, giving good results even in small city grass plots, where the soil is generally stiff and heavy. It is also valuable for use on embankments and terraces, also for renovating old, worn-out lawns. Per qt., 25 cts., postpaid. By express or freight, at purchaser's expense, per qt., 20 cts.; 4 qts., 60 cts.; peck, \$1.00; bushel (20 lbs.) \$4.00.

DREER'S PUTTING GREEN MIXTURE

A careful study of the requirements for making the most substantial turf for Putting Greens developed the mixture herewith offered by us for this purpose. The varieties comprising it are all of the finest-bladed, low-growing and most hardy kinds, and maintain their rich, green color throughout the season. We also recommend it for terraces, embankments and steep slopes. Per qt., 40 cts., postpaid. By express or freight, at purchaser's expense, per qt., 35 cts.; 4 qts., \$1.25; peck, \$2.00; bushel (25 lbs.), \$8.00.

DREER'S GOLF LINKS MIXTURE

Made from our own formula with the object of producing a turf which will stand rough usage. For Tennis Courts, Cricket Tables, Golf Links, Polo Grounds, this seed will give perfect satisfaction. Per qt., 30 cts., postpaid. By express or freight, at purchaser's expense, per qt., 25 cts.; 4 qts., 80 cts.; peck, \$1.25; bushel (20 lbs.), \$5.00.

WHITE DUTCH CLOVER SEED

Excellent for use on lawns; forms a close herbage and remains green throughout the season. We furnish the choicest grade of seed. $\frac{1}{2}$ lb., 55 cts.; lb., 95 cts., postpaid. By express or freight, at purchaser's expense, lb., 85 cts.; 5 lbs., \$4.00; 10 lbs., \$7.75; bushel (60 lbs.), \$43.00; 100 lbs., \$70.00.

DREER'S PERMANENT PASTURE GRASS

This special mixture of grass and clover seed is composed of varieties best adapted for producing an abundant and nutritious food supply for stock, and will be found entirely satisfactory for permanent pasturage. If your fields are worn out, it will pay well to plough and seed them with this mixture of grasses and clovers, thus securing two crops a year, whereas with Timothy alone you cut but one crop. Sow 50 pounds to acre. In ordering, state whether for light or heavy soil. Price, per lb., 35 cts., postpaid. By express or freight, at purchaser's expense, bushel (20 lbs.), \$4.00; 100 lbs., \$18.00.

Quantity of Lawn Grass Seed to Sow. One quart is sufficient for 250 square feet; 5 bushels for an acre, or for renovating an old lawn use one-half these quantities.



Prices for larger quantities than one Pound are f. o. b. Philadelphia, and subject to market changes

Kentucky Blue Grass, Fancy Cleaned (*Poa pratensis*). Also known as June Grass, Green Grass, etc. Rated as one of the best permanent grasses, especially useful for lawns, meadows and rich land. It is the grass of the famous limestone soils of Kentucky, and is also a favorite in all the Northern States. Sow 3 to 5 bushels per acre for lawn; 2 bushels per acre for pasture. Lb., 50 cts., postpaid. Bu. (14 lbs.), \$4.50; 100 lbs., \$30.00.

Canadian Blue Grass (*Poa Compressa*). Thrives well on clay, grows a foot or more in height and yields a great weight of hay. Sow 30 lbs. per acre. Lb., 40 cts., postpaid. Bu. of 14 lbs., \$3.00; 100 lbs., \$20.00.

Red-top, or Herds Grass (*Agrostis vulgaris*). Suitable for meadow, also lawns and pasture. Sow 3 to 4 bushels per acre for lawns; for pasture, $1\frac{1}{2}$ to 3 bushels per acre. Lb., 35 cts., postpaid. Bu. (10 lbs.), \$2.00; sack of 50 lbs., \$8.00; 100 lbs., \$15.00.

Red-top Grass, Extra Re-cleaned Seed. Lb., 45 cts., postpaid. Bu. (32 lbs.), \$8.50; 100 lbs., \$25.00.

Orchard Grass (*Dactylis Glomerata*). One of the most valuable of the pasture grasses, makes a good hay. Sow 3 bushels to the acre. Lb., 60 cts., postpaid. Bu. (14 lbs.), \$5.00; 100 lbs., \$33.00.

English Rye Grass, or Perennial Rye (*Lolium perenne*). Valuable for use in perennial pastures and a heavy yielder. Sow 60 lbs. to the acre. Lb., 45 cts., postpaid. Bu. (24 lbs.), \$5.50; 100 lbs., \$22.00.

Italian Rye Grass (*Lolium Italicum*). Valuable for pasture mixtures. 50 lbs. to the acre. Lb., 45 cts. postpaid. Bu. (18 lbs.), \$4.00; 100 lbs., \$22.00.

Meadow Fescue (*Festuca pratensis*). English Blue Grass, or Sweet Grass. Sow 50 lbs. to the acre. Lb., 75 cts., postpaid. Bu. (22 lbs.), \$12.00; 100 lbs., \$50.00.

Sheep's Fescue (*Festuca ovina*). Valuable for lawns and sheep's pastures. 40 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (12 lbs.), \$5.00; 100 lbs., \$40.00.

Hard Fescue (*Festuca duriuscula*). 30 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (12 lbs.), \$6.50; 100 lbs., \$40.00.

Red, or Creeping Fescue (*Festuca rubra*). Suitable for sandy soils and at seashore; valuable for Putting Greens. Lb., 65 cts., postpaid. Bu. (14 lbs.), \$6.50; 100 lbs., \$45.00.

Meadow Foxtail (*Alopecurus pratensis*). 30 lbs. to acre. Lb., 65 cts., postpaid. Bu. (7 lbs.), \$3.50; 100 lbs., \$45.00.

Crested Dogtail (*Cynosurus eristatus*). 25 lbs. to acre. Lb., 65 cts., postpaid. Bu. (21 lbs.), \$9.75; 100 lbs., \$45.00.

Bermuda Grass (*Cynodon dactylon*). Suitable for Southern States only. Sow 8 to 10 lbs. to the acre. Lb., 90 cts., postpaid. Bu. (35 lbs.), \$25.00.

Awnless Brome Grass (*Bromus inermis*). A valuable grass for light, dry soils, especially in the South and West. 35 to 40 lbs. to the acre. Lb., 65 cts., postpaid. Bu. (14 lbs.), \$6.50; 100 lbs., \$45.00.

Tall Meadow Oat Grass (*Avena elatior*). Valuable for soiling or permanent pasture, as it makes an early and luxuriant growth. 50 lbs. to the acre. Lb., 55 cts., postpaid. Bu. (10 lbs.), \$4.00; 100 lbs., \$35.00.

Creeping Bent Grass (*Agrostis stolonifera*). Excellent for lawns; makes a low, velvety growth. Lb., 85 cts., postpaid. Bu. (20 lbs.), \$12.50; 100 lbs., \$60.00.

Rhode Island Bent (*Agrostis canina*). Has a creeping habit and is hardy. Sow 4 bushels to the acre. Lb., 85 cts., postpaid. Bu. (14 lbs.), \$8.75; 100 lbs., \$60.00.

Timothy (*Phleum pratense*). The most important agricultural grass for the Middle States and thrives best on rich soils. It is not suited for permanent pasture, but is the best grass known here for haymaking purposes. It is temporary and lasts only a few years, and is a part of the usual crop rotation. Sow $\frac{1}{2}$ bushel to the acre alone, or 8 to 10 quarts if used with other grass seeds. 45 lbs. to the bushel. Write for sample and price per bushel.

CLOVER SEED

Red Clover Medium (*Trifolium pratense*). Sow spring or fall, 10 to 15 lbs. per acre. Write for price.

Mammoth Red Clover (*Trifolium pratense perenne*). For plowing under. 10 to 15 lbs. per acre. Write for price.

Alsike, or Swedish Clover (*Trifolium hybridum*). Sow 8 lbs. to the acre when used alone. Write for price.

White Dutch Clover (*Trifolium repens*). Excellent for lawns. Sow 8 lbs. to the acre alone, or 4 lbs. when used with other grasses. $\frac{1}{2}$ lb., 55 cts.; 1 lb., 95 cts., postpaid. By express or freight, at purchaser's expense, lb., 85 cts.; 5 lbs., \$4.00; 10 lbs., \$7.75; bu., (60 lbs.), \$43.00; 100 lbs., \$70.00.

Sweet Clover Bokhara (*Melilotus alba*), also **Yellow Blossom** (*Melilotus officinalis*). Grown for Bee food and as a fertilizer. We supply either variety. Lb., 50 cts., postpaid. Write for price per bushel.

Japan Clover (*Lespedeza striata*). A long growing clover which does well in the South. Sow 14 lbs. to the acre. Lb., 65 cts., postpaid; 14 lbs., \$7.00; 100 lbs., \$45.00.

Sainfoin, Esparsette, or Holy Clover (*Onobrychis sativa*). Lb., 50 cts., postpaid. Bu. (20 lbs.), \$6.00.

Crimson, or Scarlet Clover. Excellent for turning under as a fertilizer. Write for price.

Alfalfa, or Lucerne (*Medicago sativa*). Produces 3 to 4 heavy crops of nutritious hay in a season. Lb., 60 cts., postpaid. Write for Special Leaflet and price per bushel.

DREER'S RELIABLE FARM SEEDS



FARM SEEDS ARE SENT BY FREIGHT OR EXPRESS at customer's expense. We pack carefully and deliver to transportation company here, and always make shipment via best and quickest route

PRICES OF ALL FARM SEEDS ARE SUBJECT TO MARKET CHANGES

YELLOW FIELD CORN

Sow 8 quarts to the acre early in May

Pedrick Perfected Golden Beauty. A strain of Golden Beauty which was obtained by careful selection. In the preparation of this Corn for seed each ear is carefully selected and the end grains discarded, and it is far superior in every way to the original Golden Beauty. The ears contain from 10 to 14 rows of extremely large, broad grains, which are of a rich golden-yellow color, and the cob is small. The ears are well filled out, even to the extreme end of the cob. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

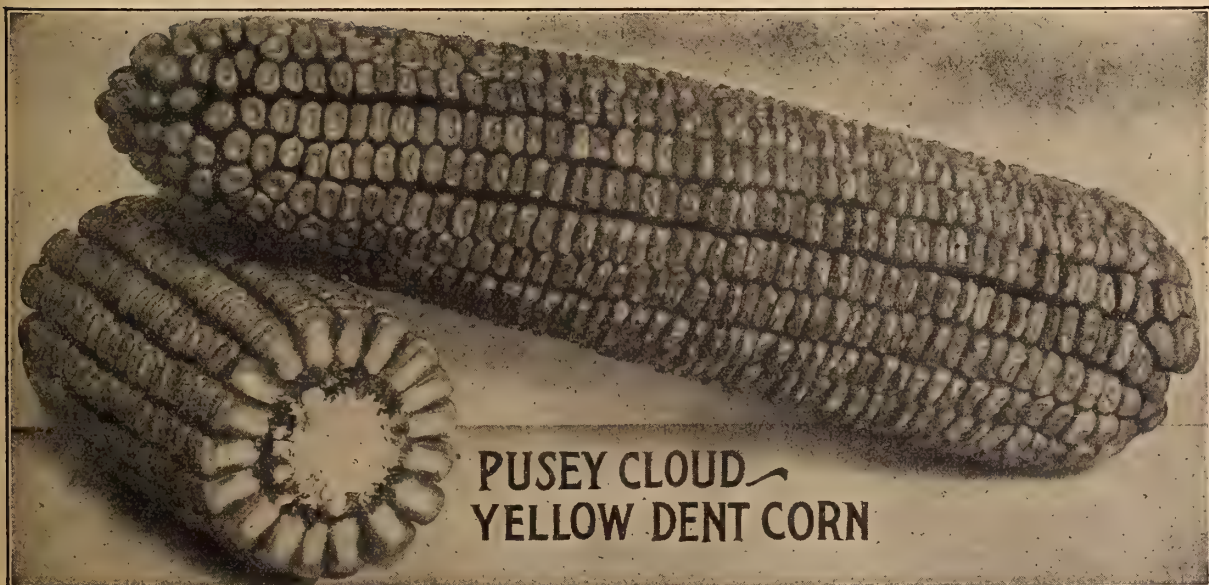
Leaming Gourd Seed. A good early variety which ripens in about 110 days. Stalks make good growth and are very productive; ears good size, cob red, grains medium in size and deep yellow. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

Early Yellow Canada. A ninety-day Corn, used in this latitude for replanting. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.50; bushel (56 lbs.), \$5.00.

Pusey Cloud Yellow Dent. (See cut.) At the Chester County, Pa., Corn Show, Mr. Pusey Cloud, the originator was awarded the prize for this variety; also prizes at both the National and Pennsylvania Corn Shows. It matures in 100 to 110 days, and has yielded 75 to 100 bushels of shelled Corn to an acre. The ears measure about 10 inches in length; cob is small and the grains are very deep, closely set on the cob. It is a safe variety to plant anywhere in the same latitude as Philadelphia. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

Early Mastodon Dent. An early variety of yellow Dent Corn which is suitable for many sections, as it matures in about 110 days. The stalks grow rapidly and to a good size, producing excellent fodder and an abundant crop of corn. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

Early 100-day Bristol. One of the earliest large Dent varieties. It is productive, and ears are a good size with light yellow grains. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.45; bushel (56 lbs.), \$4.75.



PUSEY CLOUD
YELLOW DENT CORN



WHITE FIELD CORN

Hickory King. A prolific white variety, cob remarkably small, grains large. This Corn is suitable for growing in light soil and is mostly used in the Southern States. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

ENSILAGE CORN

Sow 1 bushel in drills, or 2 bushels broadcast per acre. Special prices to buyers of large quantities.

Red Cob Ensilage. One of the very best varieties for ensilage and grows well in all sections. It is a pure white Corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce very large crops. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

Southern Fodder, Sheeptoath. Produces broad foliage and tender stalks. Will keep up the flow of milk during hot weather, when the grass is burnt up. Grains narrow and white. By express or freight, at purchaser's expense, peck (14 lbs.), \$1.25; bushel (56 lbs.), \$4.50.

Sweet Fodder Corn. For soiling or ensilage. Sow broadcast 2 bushels, or in drills 3 feet apart, 1 bushel per acre. Write for price.

BARLEY

Sow $1\frac{1}{2}$ to 2 bushels if drilled; 2 to $2\frac{1}{2}$ bushels broadcast.

Manshurey. A productive and reliable variety. The straw is stiff and strong, holding up well and bearing long heads, which are well filled with plump grains. It ripens early and is good for both feeding and malting. Write for price.

Beardless Barley. This variety is free from beards, making it easier to thresh than other kinds and safer to feed to stock. It is a strong, vigorous grower, making short, heavy straw and bearing well-filled heads. Write for price.

BUCKWHEAT

Sow about the middle of June, broadcast, at rate of 1 bushel to the acre, or $\frac{1}{2}$ bushel in drills.

Japanese. Earlier, more prolific and yields nearly double the weight per acre of other sorts. The grains are nearly twice as large as those of Silver Hull and of a much better color. This variety is always in demand and is preferred by the millers who claim that it makes the best grade of flour. Write for price, stating quantity desired.

OATS

Sold at standard weight of 32 lbs. to the bushel. Special prices to buyers of large quantities. Sow $2\frac{1}{2}$ bushels to the acre.

Storm King. (See cut.) The seed of this variety was originally imported, but has been grown for several years in this country, and is thoroughly acclimated. It makes a strong growth of straw, with large well-filled heads, which have a tendency to be one-sided and grains are white, large and heavy. "Storm King" has made a yield of from 60 to 70 bushels per acre, and we recommend it to every farmer who desires a thoroughly reliable variety. By express or freight, at purchaser's expense, peck (8 lbs.), 85 cts.; bushel (32 lbs.), \$3.00; 5 bushels or over, \$2.90 per bushel.

White Maine. This fine variety is grown with much favor, as it yields extremely large crops. It is suitable to growing in any section, and makes a strong, stiff straw, thus enabling it to stand up well during a season of stormy weather. By express or freight, at purchaser's expense, peck (8 lbs.), 75 cts.; bushel (32 lbs.), \$2.60; 5 bushels or over, \$2.50 per bushel.

Lincoln. Very early and productive. Good straw with bright grains and a very dependable variety. By express or freight, at purchaser's expense, peck (8 lbs.), 75 cts.; bushel (32 lbs.), \$2.60; 5 bushels or over, \$2.50 per bushel.

Welcome. A splendid variety for all sections, and a very productive sort. The straw is heavy and stiff and the grains are plump and attractive in appearance. By express or freight, at purchaser's expense, peck (8 lbs.), 75 cts.; bushel (32 lbs.), \$2.60; 5 bushels or over, \$2.50 per bushel.

SPRING WHEAT

Marquis. An excellent early variety for spring sowing. Write for price, stating quantity wanted.

SPRING RYE

Used as a catch crop to sow where winter grain has failed. Write for price, stating quantity desired.

SUNFLOWER

Mammoth Russian. May be grown to advantage on waste ground. An excellent and cheap food for fowls. All farmers should plant this, if only for feeding chickens. It is enormously productive, as the heads sometimes measure 18 inches in diameter. Plant 5 pounds to acre. Lb., 40 cts., post-paid. By express or freight, at purchaser's expense, 5 lbs., \$1.20; 10 lbs., \$2.30; 50 lbs., \$10.50; 100 lbs., \$20.00.

FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes

SUDAN GRASS

A new forage plant which is valuable in the middle west and may also be grown in the east. It is an annual related to the sorghums, and is valuable both for hay and silo. Grows from six to ten feet high, makes small leafy stems, and is greatly relished by stock. Sow seed when ground has become warm, using 4 to 6 lbs. per acre, in drills 18 to 24 inches apart, and cultivate like corn. Lb., 40 cts., postpaid. By express or freight, at purchasers expense, 10 lbs., \$2.25; 50 lbs., \$10.00.

BROOM CORN

Improved Evergreen. This variety is extensively grown on account of the color and quality of its brush, which is long, fine and straight, and always green; grows 7 feet high. Sow 10 pounds to the acre in good, deep dry soil. Lb. 35 cts., postpaid. By express or freight, at purchaser's expense, 10 lbs., \$1.25; 50 lbs., \$5.00.

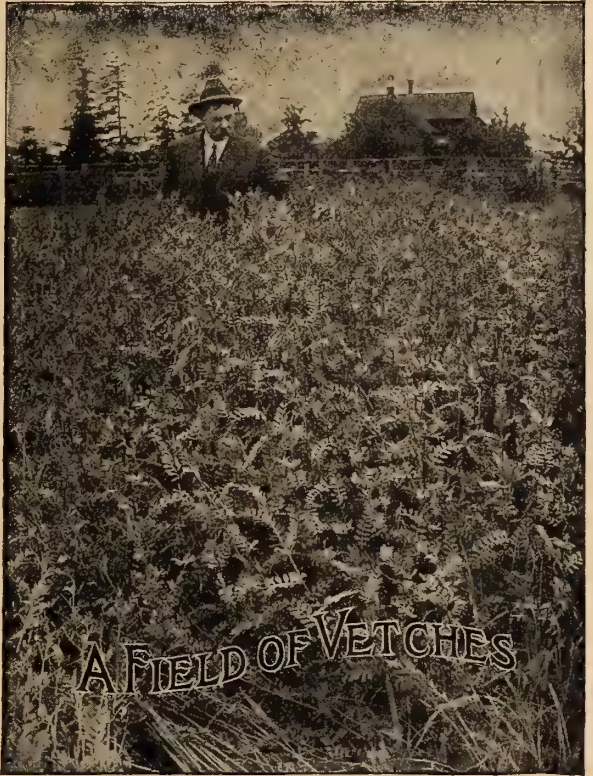
SOJA BEANS

Ito San Soja Bean. Earlier than Hollybrook, but leaves not as large. Grows about 30 inches high, and is easily mown. Write for price.

Hollybrook Early Soja. A good variety for planting in Northern and Eastern States. Ripens early and produces an enormous crop of both Beans and forage, which are very nutritious. Write for price.

Wilson Soja. An excellent variety for Middle and Eastern States. Grows 36 to 44 inches high, branches well, holds leaves and the seeds do not shatter from pods after cutting. In Delaware it matured in 115 days, and the plants held the seed well. Write for price.

Mammoth Yellow Soja Bean. Valuable as a forage crop and for silo purposes. It matures late and is very popular for forage purposes, also productive. Most valuable for growing in the Southern States. Write for price.



VETCHES

Spring Vetches, or Tares (*Vicia Sativa*). Highly valuable for soiling or for green manuring. Use 2 to 3 bushels to acre, broadcast, or 1 to 2 bushels in drills. Lb., 30 cts., postpaid (bu. 60 lbs.). Write for price.

Winter Vetches or Tares (*Vicia Villosa*). Also called Sand Vetch, or Hairy Vetch. Recommended for fall sowing. Sow 1 bushel of the seed per acre, with 1 bushel of rye. Price per lb., 50 cts., postpaid; bu. (60 lbs.), write for price and special leaflet.

PEAS FOR FODDER AND GREEN MANURING

Canadian Field Peas. Valuable for Northern climates for cattle feeding and for green soiling, and is also used in large quantities for feeding pigeons. Sow 1½ bushels per acre with ½ bushel oats. Write for price.

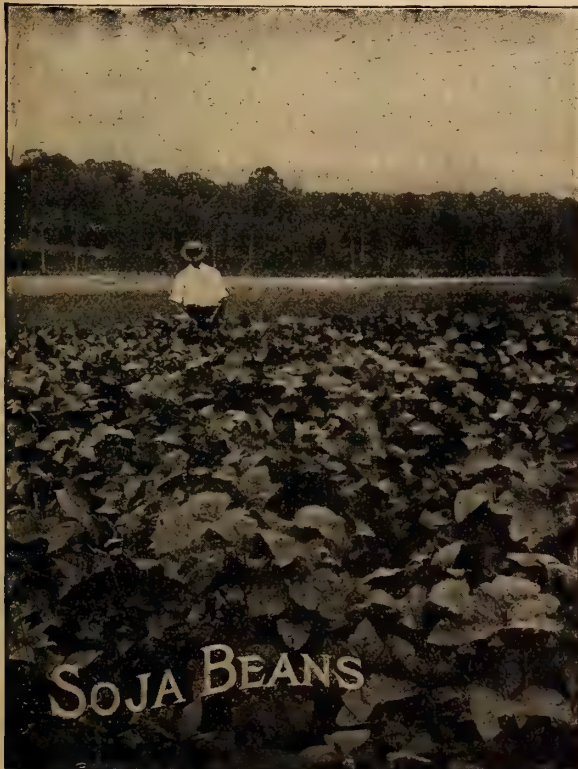
New Era Cow Peas. An upright growing variety, which matures quickly and produces a large crop of Peas. The vines are small but cure nicely and make a good forage. Write for price.

Whip-poor-will Cow Peas. An early variety; grows upright, vigorous, and the crop is easy to harvest. We sell more of this variety than any other, and consider it the best for general purposes. Write for price.

Clay Cow Peas. A medium late variety, of running habit and strong growth. Write for price.

RAPE

Dwarf Essex Rape. A valuable forage plant which can be sown in this latitude as late as September. Sown broadcast at the rate of 10 lbs. to the acre, or 5 lbs. in drills. Lb., 35 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., 90 cts.; 10 lbs., \$1.60; 50 lbs., \$7.50.



INOCULATING CULTURES

for Vetch, Field Peas, Soja Beans, etc., will be found offered on page 224

FIELD, FORAGE AND SILO SEEDS

Prices of all Farm Seeds are f. o. b. Philadelphia and subject to market changes



GOLDEN MILLET

MILLET

Golden Millet (*Southern Grown*.) (See cut.) A valuable annual hay and fodder crop. Grows 4 to 5 feet, matures quickly. Sow 1 bushel to the acre. Bushel (50 lbs.), write for price.

Hungarian Millet (*Panicum Germanicum*.) An annual forage plant, early and productive, growing 2 to 3 feet high, and makes good hay. Sow 1 bushel to the acre. Bushel (48 lbs.), write for price.

Egyptian, or East Indian Pearl Millet. (*Penicillaria Spicata*.) Grows from 8 to 10 feet high, and is very productive. For fodder sow 5 pounds of the seed in drills 3 feet apart, thin out in rows to 1 foot apart. Lb. 35 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., \$1.25; 10 lbs., \$2.25.

Japanese Barn-yard Millet (*Panicum Crus-galli*.) An excellent fodder plant; grows 6 to 8 feet high. Sow between middle of May and end of July. Lb., 50 cts., postpaid. By express or freight, at purchaser's expense; 10 lbs., \$3.20; 50 lbs., \$15.50; 100 lbs., \$30.00.

MISCELLANEOUS FARM SEEDS

Teosinte (*Reana Lururians*.) (See cut.) This plant somewhat resembles corn but produces larger leaves and is more succulent; excellent for feeding horses and cattle, either green during summer or as fodder during winter, and is more nutritious and better liked than corn fodder by stock of all kinds. Grows well in this latitude, supplying an immense amount of fodder, but will not mature seed. Sow in May or June, in drills about 4 feet apart, using 3 lbs. of seed per acre, and cultivate in the same manner as corn. Per oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00, postpaid. By express or freight, at purchaser's expense, 5 lbs. or over, 90 cts. per lb.

Speltz, or Emmer. A combination of Wheat, Oats and Barley, which is excellent for fattening cattle, poultry, horses, sheep, pigs, etc. Makes a heavy yield of grain and hay; excellent pasture and may be fed green. Sow 70 to 80 pounds per acre. By express or freight, at purchaser's expense, 10 lbs., 80 cts.; 50 lbs., \$3.50; 100 lbs., \$6.50.

MULFORD CULTURES

For Field Crops will be found offered on page 224 of this catalogue.



TEOSINTE, A WONDERFUL FODDER PLANT

Sorghum, or Early Amber Sugar-cane. Excellent for forage, and may be cut two or three times, stooling out thicker after each cutting. Height, 10 to 12 feet. Sow 5 lbs. in drills, or 75 lbs. broadcast to acre. By express or freight, at purchaser's expense, 5 lbs., 75 cts.; 50 lbs., \$6.00.

Johnson Grass, or Sorghum Halepense. A Southern fodder plant. Per lb., 55 cts., postpaid. By express or freight, at purchaser's expense, 5 lbs., \$1.75; 10 lbs., \$3.00; 50 lbs., \$24.00.

Yellow Milo Maize. May be cut several times for green forage; used for ensilage, or cured like sorghum. Use 4 to 5 lbs. per acre. By express or freight, at purchaser's expense, 5 lbs., 75 cts.; 10 lbs., \$1.25; 50 lbs., \$5.00.

Kaffir Corn (Red). Good forage. Use 4 to 5 lbs. per acre. By express or freight, at purchaser's expense, 5 lbs., 75 cts.; 10 lbs., \$1.25; 50 lbs., \$5.00.

BIRD SEEDS

Our bird seeds are all carefully selected and re-cleaned. Prices subject to market changes. All Bird Seeds are sent by express or freight, at purchaser's expense.

	Lb.	10 Lbs.	50 Lbs.	100 Lbs.
Mixed Bird Seed	.22	\$2.00	\$ 7.50	\$14.50
Canary	.20	1.80	7.00	13.50
Rape, for feeding	.23	2.10	8.00	15.50
Hemp	.22	2.00	7.50	14.50
Sunflower	.25	2.30	10.50	20.00
Bird Millet	.15	1.30	5.50	10.00
Lettuce	.35	3.00		

FLOWER SEED Department



A BORDER OF PINK GERANIUMS EDGED WITH SWEET ALYSSUM

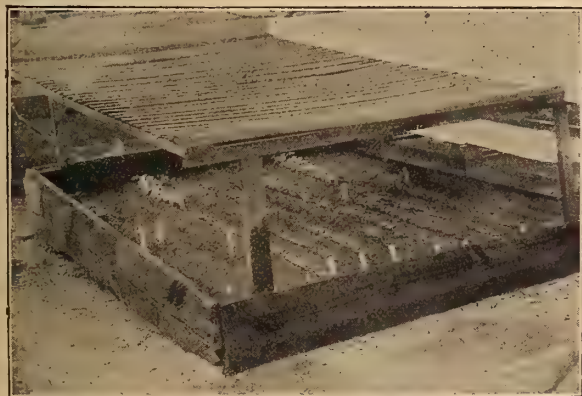
We give close attention to this department, which is probably the largest in quantity and variety in this country, nearly one thousand species and varieties being offered.

Our Flower Seeds have a world-wide reputation, and we grow and save on our own grounds at Riverton more varieties than any other American Seedsman. Our constant aim is to secure the very best strains obtainable, and spare no pains or expense with this object in view. Our strains of Asters, Carnations, Petunia, Verbena, Zinnia, etc., are grown by the leading private gardeners and commercial florists, and are acknowledged to be superior in all respects.

Success with Flower Seeds

We are convinced that many of the failures with flower seeds are due to lack of proper conditions, and while it would be impossible in the space at our disposal in this catalogue to give explicit directions for each and every variety which we offer (but which is given on each packet of flower seeds we sell), we feel sure that if the general directions given below are followed success will be the rule. These directions, we may say, are written for the latitude of Philadelphia. Customers living in other sections can readily adapt them to their localities.

For all flower seeds which should be started indoors, and this includes many of our best and brightest summer flowers, such as Heliotrope, Celosia, Lobelia, Salvia, Vinca, Verbenas, etc., the best plan is to sow in earthenware seed pans, or boxes (about 2 inches deep), which should be filled to the depth of an inch with broken pots, coal ashes, or any rough material that will furnish perfect drainage. The upper inch should be nicely sifted soil, composed, if possible, of about one-third each of sand, leaf mould and light garden loam. Press firmly and evenly and water thoroughly the day before sowing. Sow the seeds thinly over the surface, cover about one-eighth of an inch and pressing firmly; cover with a pane of glass or one or two thicknesses of newspaper to prevent the too rapid evaporation of the moisture and keep in a temperature between 60° and 70°. Water carefully as needed. The importance of uniform attention to this detail is one that can only be learned by experience and observation. To omit a single watering, or too frequent, indiscriminate watering, usually leads to failure. Remove the glass, or covering, as soon as the seeds have germinated, and when the seedlings are large enough to handle they should be transplanted into similarly prepared boxes an inch apart each way, or put into small pots and kept in same until time to plant out in the open ground. At all times they should have an abundance of air; otherwise the young seedlings are liable to "damp off."



A COLD FRAME WITH LATH SHADE. A GOOD PLACE TO GERMINATE FLOWER SEEDS IN DURING THE SUMMER

For most of the ordinary annual flowers, such as Sweet Alyssum, Calliopsis, Calendula, Marigold, Mignonette, Nasturtium, etc., the simplest method is to sow directly out of doors when danger of frost is past in the space where they are intended to flower. The ground should be dug and raked fine on the surface, sowing the seeds evenly and thinly, either in lines or beds, covering not over four times their size, and firming the soil over them. Should they come up too thickly, as most of them are likely to do, thin out so that the plants will stand from 4 to 12 inches apart according to the variety. This plan is also adapted to many varieties usually started indoors, including Asters, Verbenas, Celosias, Stocks, Salvia, etc., etc.; but as a rule their germination is more certain under glass, and as they begin to flower so much earlier when started indoors, the extra trouble is well repaid for by their increased blooming period.

We will be pleased to send our customers on request a leaflet containing the following valuable cultural hints:

How to Grow Annuals, by Prof. L. H. Bailey.

How to Grow Perennials from Seed, written expressly for us by Wm. Falconer, of Pittsburgh.

NOVELTIES AND SPECIALTIES IN Flower Seeds for 1920

The majority of the Flower Seed Novelties and Specialties offered on this and the following ten pages have been thoroughly tested in our trial grounds. Others have been received from most reliable growers, and the descriptions are those of the introducers.

For General List of Flower Seeds see pages 63 to 116

EXTRA EARLY COLOSSAL, OR MID-SUMMER GIANT COSMOS

Illustrated on Plate Opposite

It is more than twenty years ago that we introduced the first early-flowering Cosmos, which was rather small flowering: since then, by careful selection, the size and quality of the flower has been so greatly improved that we are now able to offer this strain which produces flowers rarely less than $3\frac{1}{2}$ inches and frequently $4\frac{1}{2}$ inches across, and yet maintaining its early-flowering character, coming into bloom within 60 days from time of sowing. We offer as under:

	PER PKT.		PER PKT.
2085 Crimson. Very rich. $\frac{1}{4}$ oz., 30 cts.	10	2090 Mixed. Containing an equal proportion of the three colors shown in the colored plate opposite, per $\frac{1}{4}$ oz.; 75 cts.	10
2086 Pink. A pretty color. $\frac{1}{4}$ oz., 30 cts.	10		
2087 White. Glistening white. $\frac{1}{4}$ oz., 30 cts.	10		

A packet of each of the 3 colors, 25 cts.

NEW DOUBLE-FLOWERING COSMOS

Some years since a few individual plants of Cosmos showed evidence of producing double flowers, but it has taken a great deal of care and patience to perfect the strain now offered. The flowers vary considerably in their degree of doubleness, some being absolutely double, while others like those shown in our illustration, have a frill or collar surrounding the double disc, and while we think this is the most artistic, they are beautiful in either form. The plants have somewhat heavier, less cut foliage than the regular single-flowering type, so that the fact that they will produce double flowers can be determined when the seedlings are quite small.

- 2081 **Double Crimson.** Rich rosy-crimson. 20 cts. per pkt.
2082 **Double Pink.** A very pretty rosy-pink. 20 cts. per pkt.
2084 **Double White.** Pure glistening white. 20 cts. per pkt.

A packet of each color for 50 cts.

ALYSSUM LILAC QUEEN

- 1100 By careful selection this has been greatly improved, and the stock we now offer has been saved from plants that were a deep lavender lilac, a really pretty color, either alone or in conjunction with the white sorts. It is of dwarf compact habit, and with all the free and long blooming merits of the regular Sweet Alyssum. 10 cts. per pkt.; 50 cts. per $\frac{1}{4}$ oz.

ANTIRRHINUM (Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety. In our trials the seeds sown out of doors the first week of May come into bloom early in July, remaining in full flower until November. For earlier flowering they may be started indoors or in a frame in March, transplanting them to the open, when the weather is suitable.

Giant Varieties. Of tall growth, very large individual flowers:

	PER PKT.		PER PKT.
1171 Scarlet.	10	1174 Garnet.	10
1172 White.	10	1175 Pink. Silver pink	10
1173 Yellow.	10	1176 Rose. Rich rose.	10
1179 Collection of a packet each of the above 6 colors.	50		
1180 Giant Mixed. A splendid mixture, containing all the colors. $\frac{1}{4}$ oz., 30 cts.	10		

Large-flowering Half-Dwarf Varieties. A splendid type, growing about 18 inches high, the best for bedding purposes:

1162 Daphne. Soft blush pink.	10
1163 Defiance. Orange or russet red.	10
1164 Golden Queen. Rich, pure yellow.	10
1165 Firebrand. Rich, deep red.	10
1166 Rose Queen. Rich rose.	10
1167 Mont Blanc. Pure white.	10
1169 Collection of above 6 sorts.	50
1170 Half-Dwarf Mixed. All the colors. $\frac{1}{4}$ oz., 30 cts.	10



NEW DOUBLE-FLOWERING COSMOS



- Winifred Walker



DREER'S
Mammoth-flowering
VERBENAS

Wm. H. Waller

DREER'S MAMMOTH-FLOWERING VERBENAS

Illustrated on the Colored Plate opposite

Verbenas have long been one of the most popular subjects in the flower garden, producing their clusters of showy flowers in constant succession from early summer till late fall, and are used extensively in beds, borders, baskets, vases, etc., and are of special value to use as a ground cover in beds containing Lilies, Roses, Gladioli, and similar plants, and make an effective edging to a shrubbery border. For best and quickest results, seed should be sown early in the house or hotbed and transplanted to flowering quarters in May. If sown outdoors as soon as danger from frost is past, they will bloom from July on.

We have been carefully selecting and improving this fine strain for years, and can recommend it as the finest procurable. We offer as follows.

	PER PKT.		PER PKT.
4351 Pink. Various shades from soft pink to rose.....	.10	4354 Striped. A variety of striped combinations. Very gay10
4352 Purple. Rich deep purplish blue to claret-purple	.10	4355 White. Purest white.....	.10
4353 Scarlet. Intense vermilion-scarlet.....	.10	4356 Blue. Mostly a fine clear light blue with white eye	.10
4359 Collection. Containing a packet each of the above 6 colors, 50 cts.			
4360 Mammoth Flowering Mixed. This is made up out of the separate colors, insuring a proper proportion of each; 10 cts. per pkt.; 50 cts. per ½ oz.; \$1.50 per oz.			

NEW MAMMOTH VERBENA

“LUCIFER”

4357 A most valuable addition to the range of colors in this important bedding plant, being an even, intense deep cardinal-scarlet throughout; it is identical to our other Mammoth Verbenas in size of bloom, floriferousness and other good qualities. As a brilliant bed or border we feel sure this will be most satisfactory. 25 cts. per pkt.; 5 pkts., \$1.00.



DREER'S LONG-SPURRED COLUMBINES

Dreer's Long-spurred Hybrid

Aquilegias, or Columbines

1206 This is the most admired type of Columbines. They have been produced from the strains of several famous hybridizers and are much superior to the usual grade. The plants are of strong, thrifty growth, and perfectly hardy. The long-spurred flowers of large size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. 15 cts. per pkt.; 2 pkts., 25 cts.

Argemone Platyceras Rosea

(Rose Mexican or Prickly Poppy)

1219 We are indebted to a customer for sending us last year a small quantity of seed of this comparatively scarce annual which we grew; and proved to be similar to the variety *Hybrida Grandiflora*, offered on page 66, having the same ornamental spiny foliage, but with flowers of rich, deep ruby-rose. 15 cts. per pkt.; 2 pkts., 25 cts.

Giant Hyacinth-Flowered or

Improved Empress Candytuft

1753 A wonderfully improved strain of the popular Empress Candytuft, forming much branched plants about 18 inches high, each branch terminated by an immense spike of very large individual pure white flowers. Makes a very effective white bed or border and is invaluable for cutting. 10 cts. per pkt.; 35 cts. per ½ oz.; 60 cts. per oz.

Double-flowering Cup-and-Saucer

Canterbury Bells

1734 A new race of this much prized Hardy Biennial from a celebrated French Hybridizer. The double blossoms appear like three flowers placed one inside the other. These are produced freely and in all the colors found in the various varieties of Canterbury Bells. About one-half of the seedlings may be expected to come true to type. 25 cts. per pkt.

DOUBLE EARLY-FLOWERING

CHRYSANTHEMUMS

1945 A new race of the Fall-flowering Chrysanthemum, which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double flowering plants in a large range of colors; quite hardy if given slight protection and grown in a well-drained position. 25 cts. per pkt

Dreer's Six Famous American Asters

While we offer this season on pages 67 to 70 over fifty distinct varieties and colors of American Asters, all of which have been grown under our personal supervision, and which cannot be excelled for quality, we have again selected the following six sorts to offer as a collection, which embraces several distinct types and colors, which we feel sure will, on account of their free growth, profuse flowering, large size and general excellence, give entire satisfaction to the most critical growers of this popular flower.

1281 Crego's Giant White. We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers 5 inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type.

1282 Crego's Giant Pink. Identical in every way to the white offered and described above, except in color, which is a beautiful soft shell-pink.

1305 Dreer's Crimson Giant. A late-branching variety of upright growth with extra large, densely double flowers of rich blood-crimson; makes a brilliant bed or border and is splendid for cutting.

KING ASTERS

1346 Rose King. A very distinct and desirable sort, with large, handsome double-quilled flowers of a brilliant rose color. A great favorite for cutting with commercial florists, lasting in perfect condition for a long time.

1393 Dreer's Peerless Pink. This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust free-branching habit, 24 to 30 inches high, bearing their magnificent blooms on strong stems, averaging 18 inches in length, and it is hard to find a flower under 4 inches across, and many measure 5 inches by $2\frac{1}{2}$ in depth, forming an almost globular flower. The color is a rich shell-pink, and comes into bloom about the middle of August, being at its best during the early part of September, and continuing in good condition well into October. (See cut.)

1347 Violet King. Similar in habit and time of flowering to our superb late-branching sorts, and of the same strong, free-branching growth, with very double, slightly quilled flowers of a pleasing soft shade of violet.

Price. Any of the above, 15 cts. per pkt.; 2 pkts. for 25 cts.

1338 Collection of a packet each of Dreer's Six Famous American Asters. 65 cts.

DREER'S PEERLESS PINK ASTER
(One of the Most Popular of Dreer's Six Famous)

ASTERMUM ASTERS

A strain of Comet Asters, which on account of their size and Chrysanthemum-like appearance have appropriately been named Astermums. The plants grow about two feet high and come into bloom in August.

- 1261 **Lavender.** A rich shade of lavender.
 1262 **Pink.** A very attractive lively rose-pink.
 1263 **White.** Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.

KING ASTERS

The "King" Asters form a distinct class or type. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower. That we think highly of this type is evidenced by the fact that we include two of them in our collection of Six Famous offered on page 54.

- 1343 **Dreer's Crimson King.** The richest and deepest crimson variety known to us.

- 1344 **Lavender King.** Soft lavender-blue.
 1345 **Pink King.** An attractive delicate shell-pink.

- 1346 **Rose King.** A beautiful brilliant rose variety.

- 1347 **Violet King.** A pleasing soft shade of violet.

- 1348 **White King.** Pure white.

Price. any of the above, 15 cts. per pkt.

- 1349 **Collection** of a packet each of the above, 75 cts.

- 1350 **King Mixed.** Contains all the colors. 15 cts. per pkt.; 75 cts. per $\frac{1}{4}$ oz.

New Red Aster "Sensation."

1442 This is the reddest of all red Asters, the color being a rich garnet or oxblood-red which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers averaging $3\frac{1}{2}$ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.



DREER'S SUPERB LATE BRANCHING ASTER

DREER'S SUPERB LATE-BRANCHING ASTERS

This superb strain, of American origin and especially adapted to our climatic conditions, has long been one of our leading specialties, extraordinary care being given each season to the selection of the very finest specimens for stockseed, resulting in a strain that is acknowledged by the leading growers as unsurpassed.

The plants form strong, branching bushes, 2 to $2\frac{1}{2}$ feet high, bearing on long strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 5 inches across. The form of the flowers, which is nicely shown in the illustration above, together with the length of the stems, places them at the head of Asters for cutting. They come into bloom from two to three weeks after the average type, usually being at their best during September and October, and filling in the gap between the general run of Asters and Chrysanthemums, and if only one variety of Asters is wanted, we recommend this type as the most likely to give the greatest satisfaction. We offer eight beautiful and distinct colors as under:



ASTER
SENSATION

	PER $\frac{1}{4}$ Oz.	PER PKT
1451 Azure-blue. A deep rich lavender.	60	10
1452 Deep Crimson. Rich and glowing	60	10
1453 Deep Rose. Distinct and fine ..	60	10
1455 Pale Lavender. Exquisite gray- ish-blue	60	10
1456 Deep Purple. A rich royal shade	60	10
1457 Rose Pink. A lovely shade.....	60	10
1461 Shell-Pink. Soft and dainty....	60	10
1467 Pure White. Perfect in its purity	60	10
1469 Collection containing a package each of the above 8 colors, 60 cts.		
1470 Finest Mixed. All the colors mixed.	10	
cts. per pkt.; 50 cts. per $\frac{1}{4}$ oz.		

THE CARDINAL CLIMBER

(Ipomoea Quamoclit Hybrida)

2158 We named and introduced this glorious and absolutely distinct annual climber in 1912, and it is now generally considered the most beautiful and brilliant annual climber ever sent out. It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like foliage, and literally covered with a blaze of circular cardinal-red flowers from mid-summer till frost. The flowers, about 1½ inches in diameter, are borne in clusters of 5 to 7 each, and wherever it has been grown has attracted more attention and favorable comment than any other plant in the garden. Like other Ipomoeas, it delights in a warm, sunny situation and good soil. The seed may be started indoors in March or April in a temperature of not less than 70 degrees, and the plants set out when the weather gets warm, but it is just as well to wait until the weather gets warm and settled and then sow out of doors. In either case germination will be hastened and made more certain by filing or cutting a small notch in each seed. They are likely to germinate poorly unless this precaution is taken. If sown in cold, wet ground, the seed is liable to rot.

Packets containing about 25 seeds
each, 15 cts.;
2 pkts., 25 cts.

**Dreer's
Mammoth-flowering
Verbenas**

One of our specialties. See colored
plate and page 53.



DOUBLE BLUE CORNFLOWER

CHINESE WOOLFLOWER
(Celosia Childsi)**CHINESE
WOOLFLOWER**

(Celosia Childsi)

1865 This is a unique form of the feathered Cockscomb, growing two to three feet high, by as much through, each branch terminated with a large head of rich crimson flowers that look as if made out of some silky-wool material, and which are nicely shown in our illustration. Not only effective in beds or borders, but highly interesting and valuable for cutting, as they can be dried, and retain their bright color for weeks. 15 cts. per pkt.; 2 pkts., 25 cts.



THE CARDINAL CLIMBER

DOUBLE BLUE CORNFLOWER

1881 This was introduced by us in 1907, and since then has steadily gained in popular favor, until now it must be considered one of the leading annuals. It is identical in color to the popular single blue Cornflower, which is so much in demand for cutting, especially for boutonnières; but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. The plants form nice symmetrical bushes about 18 inches high. 15 cts. per pkt.; 50 cts. per ¼ oz.

DOUBLE ROSE-PINK CORNFLOWER

1882 After several years of careful selection we have succeeded in securing a stock of this which reproduces itself almost true. The flowers are quite double, and of an attractive clear rose-pink, a color that is always in demand both in the garden and for cutting. 15 cts. per pkt.; 50 cts. per ¼ oz.

**EXTRA EARLY COLOSSAL, or
MIDSUMMER GIANT COSMOS**

The most valuable Cosmos, blooming from midsummer till frost. (See colored plate and offer on page 52).

TWO MAGNIFICENT AFRICAN MARIGOLDS

The two varieties offered below are grown for us by a specialist and are without doubt the very finest of the large-flowering African type, and grow almost 2½ feet high, bearing in continuous succession from early summer till hard frost, large and perfectly double flowers.

3084 **Orange Prince.** Flowers very large, of a deep golden orange. 15 cts. per pkt.; 50 cts. per ¼ oz.

3085 **Lemon Queen.** Immense double flowers, in color a soft lemon yellow, making a fine contrast to the rich orange of the preceding. 15 cts. per pkt.; 50 cts. per ¼ oz.

One packet each of the above for 25 cts.

Double French Marigold Golden Ball

3093 We consider this one of the most valuable for beds or borders, forming symmetrical; globular plants not over 9 inches high and covered from early summer till late autumn with good sized golden-yellow flowers, makes a very effective golden line or bed. 10 cts. per pkt.; 40 cts. per ¼ oz.



NEW GIANT-FLOWERING
MARSHMALLOW

NEW GIANT-FLOWERING MARSHMALLOWS

(Hibiscus)

2775 A wonderfully improved form of our greatly admired native Marshmallow, or Rosemallow, in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings have also been greatly intensified, comprising rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high, and are very floriferous, blooming from early in July until late in autumn; can be recommended for plantings of all kinds, and are perfectly hardy. The seed we offer has been saved from our own plants, and if sown early will produce plants that will flower the first year. 10 cts. per pkt.; 30 cts. per ¼ oz.

NEW DOUBLE HOLLYHOCK "NEWPORT PINK"

2791 A charming variety that originated in one of the famous gardens at Newport, R. I. It produces stately spikes of very desirable rosette-like flowers of pure pink, a shade that is always in demand. The seed of this variety is quite distinct, being much smaller than those of other colors. Received an Award of Merit from the Royal Horticultural Society of England, July, 1912. (Illustrated on page 59.) 15 cts. per pkt.; 50 cts. per ¼ oz.

New Hybrid Hardy Lupines

(Lupinus Polyphyllus Hybridus)

3060 These are the results of many years of careful crossing and selecting by a celebrated English specialist, and in addition to the usual blue, white and rose colors, contain many unusual lilac, pink, purple, yellow and other tints. This strain received an Award of Merit from the Royal Horticultural Society of England, and we consider them one of the most important introductions in hardy perennials in recent years. 25 cts. per pkt.; 5 pkts. for \$1.00.



ORANGE PRINCE AND LEMON QUEEN MARIGOLD

THREE "BALCONY" PETUNIAS

A splendid free-flowering type of Single Petunias, growing about 12 inches high, with flowers averaging 3 inches across; of special value for window or porch boxes and vases, but equally as effective in beds or borders. We offer three distinct and desirable colors:

3555 **Balcony Blue.** Rich, velvety indigo-blue.

3556 **Balcony Rose.** A very effective brilliant rose-pink.

3557 **Balcony White.** A splendid pure white.

Price. Any of the above, 20 cts. per pkt. A packet of each color for 50 cts.

INVINCIBLE GIANT POLYANTHUS

3677 A magnificent strain of this perfectly hardy and easily grown spring-flowering Primrose, representing the work of twenty-five years of painstaking cross-breeding and selection by a Scotch specialist. Of strong, sturdy habit, and bearing immense trusses of large flowers on self-supporting stems 10 to 16 inches in length. Unquestionably the finest strain in cultivation, containing all colors from purest white to the richest crimson. 25 cts. per pkt.; 5 pkts., \$1.00.

NEW HYBRID ICELAND POPPY

3738 This beautiful strain of these charming hardy Poppies is being improved every year, and the stock which we offer this season will be found much finer than heretofore, containing a great number of lovely new shades of color. 15 cts. per pkt.; 2 pkts., 25 cts.

Giant Flowering Chinese Fringed Primula

3791 This magnificent strain is quite distinct from the regular type, being of much more robust growth and producing immense trusses of extra large, finely fringed flowers in many new and novel colors; as a pot plant for the house or conservatory, this is unequalled. 35 cts. per pkt.; 3 pkts. for \$1.00.

NEW SCARLET SAGE AMERICA OR GLOBE OF FIRE

3936 We have in the last few years tested over a score of varieties of Scarlet Sage and believed that the sorts which we offer on page 107 covered the most desirable. In this new variety, which was grown at our own Nursery, and which was easily the most brilliant bit of color among the acres of flowers grown there, we have what is undoubtedly the earliest, freest and most continuous bloomer of all, and, what is still more important, the most uniform in habit of growth; the bushy plants do not grow over 15 inches high, with the spikes of brilliant scarlet flowers thrown well above the plant, making a total height of about 2 feet, and in the lines, several hundred feet in length, there was not a variation of an inch in the height of any plant; the importance of this uniformity will be appreciated by those who use Scarlet Sage for beds or borders. 25 cts. per pkt.; 5 pkts., \$1.00.



NEWPORT PINK HOLLYHOCK



SALVIA AMERICA OR GLOBE OF FIRE

NEW COLORS OF STOKESIA

(Cornflower Asters)

4060 The blue *Stokesia Cyanea*, although a native of the United States, was practically unknown as a garden plant until the year 1903, when we illustrated it in colors on the cover of our Garden Book; and, as a result of our efforts, it is now one of the popular hardy perennials. Some years later, a white-flowered variety was discovered, and now we are able to offer a mixture containing a number of rose shades, white and various shades of blue and purple as well. 15 cts. per pkt.; 2 pkts., 25 cts.

TWO BRILLIANT SWEET WILLIAMS

4282 **Newport Pink.** A distinct new color in this favorite hardy plant, which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmony-rose. For mid-season mass-bedding it has no equal. Perfectly hardy.

4281 **Scarlet Beauty.** A splendid companion to the above. The color is an intense rich, deep scarlet, and a most effective plant for the old-fashioned hardy border, where this shade is very uncommon.

Either of the above 15 cts. per pkt. A packet of each for 25 cts.



ORCHID-FLOWERED SWEET PEA

Twelve Superb Newer Orchid-Flowered Sweet Peas

We consider this the finest collection of newer sorts ever brought together; each one has been a prominent prize winner at the various exhibitions during the past two seasons, and will soon take their place in up-to-date permanent lists.

4077 Blue Monarch. Splendid large wavy flowers of rich deep navy blue.

4084 Constance Hinton. The most important introduction in years of strong, vigorous growth, with enormous wavy, white flowers, frequently 2½ inches across, which are borne on sprays of fours, and often fives, on long, strong stems. This variety is black seeded, which means that it is easy to germinate.

4127 Hercules. Almost identical in color to Countess Spencer—a lively rose-pink, but larger in size. Strong grower.

4145 King Manoel. A giant wavy-flowered lustrous maroon or deep chocolate color, a handsome, rich colored variety.

4148 Lady Evelyn Eyre. A most delicately colored sort, being a pale pink lightly flushed with salmon; flowers of largest size and nicely waved.

4157 Mrs. J. Balmer. A charming variety of attractive coloring, being a rich cream ground daintily edged with bright rose pink.

4161 New Miriam Beaver. Very dainty in coloring, a soft chamois shell-pink shaded with apricot. Extra choice.

4172 Old Rose. A new and very distinct color, a lovely shade of old-rose, that is sure to become popular. Flowers of enormous size.

4193 R. F. Felton. Exquisite, soft lavender blue with slight suffusion of rose. Flowers of largest size.

4205 Sincerity. Extra large flowers of faultless form; in color a rich cerise, an entirely new tone and one of the richest colored yet introduced.

4211 The Cardinal. A new, intense, brilliant poppy-scarlet, very large wavy flowers of great substance. Extra fine. 10c. per pkt.; \$1.00 per oz.

4212 The President. Rich and dazzling bright orange-scarlet, a most brilliant variety. 10 cts. per pkt.; 75 cts. per oz.

Price. Any of the above, except where noted, 10 cts. per pkt.; 50 cts. per oz.; \$1.50 per ¼ lb.

4229 Collection of a packet each of the above 12 Newer Sorts, \$1.00.

4227 Collection of one ounce each of the above 12 Newer Sorts, \$5.00.

EARLY AND LONG-FLOWERING SPENCER SWEET PEAS

This new type is receiving great attention at the hands of the leading hybridizers, and already nearly all colors are represented. They are now very popular, and in great demand by commercial florists for forcing under glass for Winter and early Spring blooming, but are just as valuable for the amateur for outdoor culture, coming into flower five or six weeks earlier than the regular orchid-flowered type, and if the flowers are kept picked, continue to bloom over a period of nearly four months. We offer the following carefully selected varieties:

4265 Early Blanche Ferry, or Christmas Pink. The most popular of all; flowers pink and white. Very large and wavy.

4261 Early Blue Bird. A splendid rich deep blue.

4262 Early Cream, or Meadow Lark. A bright primrose-yellow.

4264 Early Enchantress. A very fine bright rosy-pink.

4263 Early Helen Lewis, or Morning Star. Rich, rosy-salmon.

4274 Early Improved Snowstorm. This is considered the best and purest white variety.

4267 Early Lavender King. Beautiful clear lavender; a popular color.

4271 Early Liberty. The best bright crimson-scarlet.

4272 Early Mrs. A. A. Skach. A beautiful rich pink. Extra fine.

4273 Early Rosy Morn. Brilliant rich rosy-crimson. Very large wavy flowers.

4266 Early Venus. Delicate blush pink.

4275 Early Yarrowa. The famous Australian rich rose variety, and one of the best.

Price. Any of the above, 15 cts. per pkt.; \$1.25 per oz.

4277 Collection containing a packet of each of the above twelve sorts for \$1.25.

4276 Early Orchid-flowering Mixed. A splendid mixture containing all of the above colors as well as many others. 10 cts. per pkt.; 75 cts. per oz.; \$2.50 per ¼ lb.

Dreer's Twelve "Incomparable"

ORCHID-FLOWERED SWEET PEAS

Of the hundreds of Orchid-flowered or Spencer Sweet Peas introduced in the last few years, we offer this season thirty-seven of what we consider the very choicest and most distinct varieties, and while we fully recommend all of the sorts described and offered on page 111, as well as the newer kinds on the opposite page, yet most of our customers only wish a limited number of sorts, but want these to be the very best, and it is with this in mind that we offer this collection of **Twelve Incomparable** sorts described below, each one of which is a leader in its respective color, and which is sure to give entire satisfaction.

4074 Blanche Ferry Spencer. This is an extra fine, large wavy-flowered stock of the popular pink and white Blanche Ferry. A good strong grower and very free-flowering.

4086 Countess Spencer. The original of the Orchid-flowered type, and still one of the best. Color is a lively rose-pink, shading deeper at the edges; very free-flowering.

4095 Dobbie's Cream. An extra selected strain and the finest primrose-yellow yet introduced; splendid in every way, with very large, wavy flowers.

4108 Elfrida Pearson. This is by far the largest and finest light pink variety. Flowers of enormous size and very wavy; a strong, vigorous grower bearing its giant flowers on long, strong stems.

4117 Florence Nightingale. Nothing yet introduced in lavender Sweet Peas excels this beautiful sort, and it is one of the most popular.

4147 King White. The largest, finest and purest, white seeded variety.

4151 Margaret Atlee. The leading experts are unanimous in declaring this to be the finest rich pink Sweet Pea, the color being a rich apricot-pink on a cream ground. The "Spencer Supreme," a very strong grower.

4156 Mrs. Hugh Dickson. A charming tone of salmony-pink on a cream ground; color effect rich apricot. A strong growing, very free-flowering variety and considered one of the best.

4198 Royal Purple. The rich royal purple color of this beautiful variety always attracts great attention. One of the most distinct.

4202 Scarlet Emperor. A most brilliant rich, deep scarlet of largest size and beautifully waved; extra fine.

4214 Thomas Stevenson. The brilliancy of the orange-scarlet of this variety make it the most striking color of all.

4222 Wedgwood. Very appropriately named, being a beautiful Wedgwood or silvery-blue; flowers of large size and fine form.

Price. Any of the above "Incomparable" varieties, 10 cts. per pkt.; 40 cts. per oz.; \$1.25 per $\frac{1}{4}$ lb.

4218 Collection of a packet each of the 12 "Incomparable" sorts, 85 cts.

4219 Collection of 1 ounce each of the 12 "Incomparable" sorts, \$3.75.



ORCHID-FLOWERED SWEET PEA
MARGARET ATLEE

Dreer's Orchid-flowered Sweet Peas in Mixture

4230 The greatest care has been exercised in blending this superb mixture. It has been made out of the finest named sorts, insuring a well-balanced range of desirable colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per packet; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.; \$2.50 per lb.



ZINNIA MEXICANA
"PERFECTION"

ZINNIA MEXICANA

The two varieties of this dwarf type offered below are well worth growing.

4481 Perfection. One of the most distinct and meritorious annuals of recent introduction. The plant is of dwarf, compact growth, 9 to 10 inches high by as much through, with fine foliage, and bears a multitude of very double flowers, about $1\frac{1}{2}$ inches across, in a most unusual range of colors, including rose-tipped canary-yellow, maroon-tipped cream-yellow and wallflower-red, velvety-garnet, etc., and altogether makes as pretty a border as anything we know of. 15 cts. per pkt.; 2 pkts., 25 cts.

4483 Golden Star. A pretty single-flowering variety with rich golden orange star-shaped flowers 2 to 3 inches across, it forms a compact bush about 15 inches high, and makes a very effective golden line. In bloom from midsummer till frost. 15 cts. per pkt.; 2 pkts. for 25 cts.

Zinnia Improved Large-flowering Dwarf Double, Salmon-rose

4446 This splendid, brilliant salmon-rose bedding variety has been on the market for several years, but the supply of seed has never been equal to the demand; we are fortunate in having a good crop this season of extra select stock. 10 cts. per pkt.; 40 cts. per $\frac{1}{4}$ oz.

DREER'S SPECIAL STRAIN GIANT DOUBLE ZINNIAS

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet, and should be given 18 to 24 inches between each to allow for full development; they bear freely on long, strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc., grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

	PER PKT.		PER PKT.
4511 Golden Yellow	15	4514 Flesh-color	15
4512 Scarlet	15	4515 Sulphur Yellow	15
4513 White	15	4516 Crimson	15
4519 Collection of a packet each of the above 6 colors,	75 cts.		
4520 Giant Mixed.	All colors, 15 cts. per pkt.; 40 cts. per $\frac{1}{4}$ oz.; \$1.25 per oz.		

NEW DOUBLE DAHLIA-FLOWERED ZINNIA

4480 We were greatly impressed with this splendid new strain, which we saw in full flower last summer. The plants are of strong, vigorous habit, fully 3 feet high, producing mammoth flowers averaging 6 inches across by 3 to 4 inches in depth, similar in shape to the double Decorative Dahlias. The range of colors not only include the usual shades, but many unusual tones, such as salmon, old rose, cerise, strawberry-red, etc. We offer a splendid mixture. 20 cts. per pkt.; 3 pkts. for 50 cts.



DREER'S GIANT
DOUBLE ZINNIA

GENERAL LIST OF DREER'S RELIABLE FLOWER SEEDS

For Novelties and Specialties see pages 52 to 62

For the convenience of our customers and to facilitate the filling of orders, it is only necessary in ordering to give the number of packets wanted and the corresponding number in the catalogue, viz.: 1 pkt. 1040, 10 cts.; 3 pkts. 1071, 30 cts., means one packet *Acroclinium*, double mixed, 10 cts.; 3 pkts. *Ageratum*, Blue Perfection, 30 cts.

All Flower Seeds are sent postpaid at prices given.

COLLECTIONS OF FLOWER SEEDS

The following collections are made up of the best and easiest grown sorts and are sure to give satisfactory returns:

1134 Summer Flowering Annuals.	12 sorts, our selection....	\$0 50
1135 " " " "	25 " " " "	1 00
1136 Old-fashioned Annuals.	12 " " " "	50
1133 Annuals for cutting.	12 " " " "	50
3549 Old-fashioned Hardy Perennials.	12 " " " "	50
2019 Quick-growing Annual Climbers.	12 " " " "	50
3979 Shakespeare Flowers.	Old time garden flowers mentioned in Shakespeare's writings. 10 varieties.....	50

Collections of *Asters*, *Balsams*, *Dianthus*, *Marigolds*, etc., are offered under their respective heads throughout the list.

ABUTILON (Flowering Maple).

PER PKT.

- 1012 **Fine Mixed.** Considered indispensable for flowering indoors during the winter and spring months, and useful for bedding out in the summer. Sown indoors anytime before April, they will produce plants that will flower outdoors the first season and indoors all winter. Mixed Colors..... 25

ACHILLEA (Milfoil, or Yarrow)

- 1021 **Ptarmica "The Pearl."** One of the best hardy white perennials. Grows about 2 feet high and from spring till frost is covered with heads of purest white double flowers. Easily grown from seed, flowering the first season if sown early. 25
- 1024 **Millefolium Roseum (Rosy Milfoil.)** Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, and flowers all summer..... 15

ACROCLINIUM

A pretty annual "Everlasting," growing about 15 inches high, bearing lovely white or rosy-pink flowers, which, when cut in the bud state can be dried and used in winter bouquets. A nice thing to grow in a mixed border aside from its use as an everlasting. (See cut.)

- 1040 **Double Mixed.** $\frac{1}{4}$ oz., 30 cts..... 10
- 1050 **Single Mixed.** $\frac{1}{4}$ oz., 20 cts..... 5



ACROCLINIUM

ADLUMIA

(Mountain Fringe, Allegheny Vine, or Climbing Fumitory)

PER PKT.

- 1051 **Cirrrosa.** A graceful hardy biennial climber, but as it resows itself year after year, it might be considered perennial. The feathery foliage closely resembles that of the Maiden-hair Fern. The flowers are tube-shaped, flesh-colored, somewhat like the Bleeding Heart, and completely cover the plant. For covering trellises, stumps of trees, etc., it is very desirable. Flowers the first year from seed.. 15

AGERATUM (Floss Flower)

One of the best bedding plants, being literally a sheet of bloom from early summer till frost. Unlike many bedding plants, their flowers are not liable to be spoiled by rain, nor do the colors fade out. The various blue varieties are without doubt the most satisfactory bedding plants of this color for our trying climate. Easily raised from seed, which is usually started in a hotbed or window and transferred to the open ground in May. Can also be sown outdoors in May. A sowing in September will give plants to bloom all winter. (See cut.)

- 1071 **Blue Perfection.** This is the darkest colored of all large flowering *Ageratums*. Color deep amethyst-blue; compact growth; fine bedder. $\frac{1}{4}$ oz., 40 cts. 10
- 1076 **Little Blue Star.** A variety of exceedingly dwarf and even growth; the tiny bushes, not over 4 to 5 inches high, are densely covered with bright blue flowers, a fine variety for edging..... 25
- 1073 **Cope's Pet.** The best light-blue variety for edging. $\frac{1}{4}$ oz., 30 cts..... 10
- 1078 **Princess.** A beautiful variety of compact, even growth, rarely exceeding 8 inches in height, the flowers are sky-blue with white centre, the contrast being really exquisite, $\frac{1}{4}$ oz., 40 cts..... 10
- 1074 **Imperial Dwarf Blue.** Clear blue; 8 inches. $\frac{1}{4}$ oz., 25 cts..... 5
- 1075 **Imperial Dwarf White.** 8 inches. $\frac{1}{4}$ oz., 25 cts. 5



AGERATUM BLUE PERFECTION

AGROSTEMMA (Rose of Heaven, Mullein Pink) PER PKT.

- 1090 **Coronaria**. An attractive free-flowering hardy perennial of easy culture, producing glowing crimson flowers like a single pink, and silvery-white foliage; blooms the first season; fine for cutting; 2 feet. $\frac{1}{2}$ oz., 20 cts. 5
- 1091 — **Alba**. A pure white variety. 10

ALYSSUM (Mad Wort)

Pretty little plants for beds, vases, baskets, edging or rockwork, blooming profusely all summer; useful also for winter flowering. Very sweetly scented.

- 1101 **Little Gem, or Carpet of Snow**. Of dwarf, compact habit, but 4 inches high. It begins to bloom when quite small, and the plants are a solid mass of white from spring to late in autumn, and undoubtedly the best white-flowering edging plant in the list. (See cut.) Per $\frac{1}{2}$ oz., 25 cts.; per oz., 75 cts. 10
- 1102 **Sweet Alyssum** (*A. Maritimum*). Of trailing habit; flowers white. Per oz., 40 cts. 5
- 1103 **Tom Thumb** (*Benthami Compactum*). Of dwarf, compact, erect growth; excellent for edging; white. Per oz., 50 cts. 5
- 1100 **Lilac Queen**. See Specialties, pages 52 to 62. Per $\frac{1}{2}$ oz., 50 cts. 10
- 1104 **Saxatile Compactum** (*Basket of Gold*). Showy, bright yellow flowers, hardy perennial; blooms the first season if sown early indoors; excellent for rockwork; 1 foot. Per $\frac{1}{2}$ oz., 40 cts. 10

AMARANTHUS

Brilliant-foliaged annuals, growing from 3 to 5 feet high, some of the varieties bearing curious racemes of flowers. All are useful in borders of tall plants or for the centre of large beds. They thrive best in a hot, sunny location, not too rich soil, and given sufficient room to develop their full beauty.

- 1111 **Caudatus** (*Love Lies Bleeding*). Blood red; drooping. 5
- 1116 **Cruentus** (*Prince's Feather*). Dark red feathery flowers. 5
- 1113 **Sunrise**. The most brilliant of this brilliant family. The foliage is bronzy crimson, each branch terminating with a tuft of bright scarlet-carmine leaves. It has been used with fine effect in many of the public parks. 2 pkts., 25 cts. 15
- 1114 **Tricolor** (*Joseph's Coat*). Leaves red, yellow and green. $\frac{1}{2}$ oz., 20 cts. 5
- 1115 **Tricolor Splendens**. An improvement on the old sort, of more brilliant coloring. $\frac{1}{2}$ oz., 30 cts. 10



AGROSTEMMA CORONARIA



AMARANTHUS TRICOLOR

grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. $\frac{1}{2}$ oz., 50 cts. 15

ANEMONE (Windflower)

A very pleasing perennial, producing large flowers; few plants compare with them in beauty; fine for bouquets. Sow outdoors in spring; keeping shaded till the plants appear.

- 1140 **Coronaria**. Mixed Colors (*Poppy Anemone*). 10
- 1146 **St. Brigid**. A beautiful selection of the above; our seed comes from a famous Irish grower and comprises semi-double and double flowers in a wonderful array of colors. 2 pkts., 25 cts. 15

ANTHEMIS (Hardy Marguerite)

- 1150 **Kelwayi**. A most satisfactory hardy perennial, bearing all summer daisy-like golden-yellow blossoms; excellent for cutting; 2 feet. 15



A BORDER OF ALYSSUM LITTLE GEM

AMPELOPSIS

(Boston, or Japanese Ivy)

PER PKT.

- 1131 **Veitchi**. A hardy perennial climber, with olive-green leaves, which turn to scarlet in the autumn. The best and most popular climber for covering brick or stone walls. Per oz., 50 cts. 10

ANCHUSA (Alkanet)

- 1137 **Capensis** (*Cape Forget-me-not*). A fine free-growing annual variety about 18 inches high, with sprays of lovely Forget-me-not blue flowers; blooms all summer. $\frac{1}{2}$ oz., 25 cts. 10
- 1138 **Italica Dropmore Variety**. One of the best hardy perennials, and becoming more popular each season, grows 3 to 5 feet high, and bears in abundance flowers of the richest gentian-blue during May and June. $\frac{1}{2}$ oz., 50 cts. 15

AQUILEGIA (Columbine)

No hardy plant grown from seed is more easily handled than the Columbine.

Seed may be sown in the open ground early in spring, and will, in most cases bloom the same season; or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom abundantly during late spring and early summer.

Columbines should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

PER PKT.

- | | | |
|------|--|----|
| 1181 | Californica hybrida. Exquisite flowers, in yellow and orange shades, all with long spurs | 15 |
| 1182 | Canadensis. This is the scarlet and yellow native species and one of the brightest. $\frac{1}{2}$ oz., 30 cts. | 10 |
| 1183 | Chrysantha (Golden Spurred.) Golden-yellow. $\frac{1}{2}$ oz., 50 cts. | 10 |
| 1185 | Cœrulea (Rocky Mountain Columbine). Violet-blue and white; 2 feet | 15 |
| 1186 | Cœrulea hybrida. Beautiful hybrids, bearing large flowers in a great variety of colors | 15 |
| 1187 | Flabellata nana alba. A dwarf variety from Japan, with fine, glaucous foliage and large white flowers, $\frac{1}{2}$ oz., 30 cts. | 10 |
| 1195 | Helena. Of strong robust growth, bearing numerous flowers of a lovely shade of blue and pure white. | 10 |
| 1197 | Nivea Grandiflora. A beautiful large pure white. $\frac{1}{2}$ oz., 25 cts. | 5 |
| 1198 | Vulgaris. The common European Columbine, flowers rich violet-blue; a strong grower. $\frac{1}{2}$ oz., 25 cts. | 5 |
| 1199 | Collection containing a packet each of the 9 above named sorts | 65 |
| 1206 | Dreer's Long-spurred Hybrids. A beautiful strain, comprising shades and combinations of blue, white, yellow, orange, scarlet and bright rose-pink, in large flowers with long spurs. 2 pkts., 25 cts. | 15 |
| 1207 | Double, all colors mixed. Per $\frac{1}{2}$ oz., 25 cts. | 5 |
| 1210 | Single, all colors mixed. Per $\frac{1}{2}$ oz., 20 cts. | 5 |



DREER'S ANTIRRHINUMS

ANTIRRHINUM (Snapdragon)

Within the last few years Snapdragons have become immensely popular. This is not to be wondered at, as, whether used for cutting or for show in the garden, they are one of the most valuable flowers which can readily be grown from seed. We offer two distinct types, the large-flowering, tall-growing, or giant, and the equally large-flowered, half-dwarf variety. In our trials the seeds sown out of doors the first week of May came into bloom early in July, remaining in full flower until November. For earlier flowering, they may be started indoors or in a frame in March, transplanting them to the open when the weather is suitable.

Giant Varieties. Of tall growth, very large individual flowers:

- | | | | | | |
|------|---|----|------|---------------------------|----|
| 1171 | Scarlet. | 10 | 1174 | Garnet. | 10 |
| 1172 | White. | 10 | 1175 | Pink. Silver pink. | 10 |
| 1173 | Yellow. | 10 | 1176 | Rose. Rich rose. | 10 |
| 1179 | Collection of a packet each of the above 6 colors | 50 | | | |
| 1180 | Giant Mixed. A splendid mixture, containing all the colors. $\frac{1}{2}$ oz., 30 cts. | 10 | | | |

Large-flowering Half-Dwarf Varieties. A splendid type, growing about 18 inches high, the best for bedding purposes:

- | | | |
|------|--|----|
| 1162 | Daphne. Soft blush pink. | 10 |
| 1163 | Defiance. Orange or russet red. | 10 |
| 1164 | Golden Queen. Rich, pure yellow. | 10 |
| 1165 | Firebrand. Rich, deep red. | 10 |
| 1166 | Rose Queen. Rich rose. | 10 |
| 1167 | Mont Blanc. Pure white. | 10 |
| 1169 | Collection of above 6 sorts. | 50 |
| 1170 | Half-Dwarf Mixed. All the colors. $\frac{1}{2}$ oz., 30 cts. | 5 |
| 1160 | Tall Mixed. The old-fashioned type; fine long spikes, grand for cutting. $\frac{1}{2}$ oz., 25 cts. | 5 |



AQUILEGIA OR COLUMBINE

**ARABIS (Rock Cress)**

PER PKT.

- 1211 **Alpina.** A hardy perennial and one of the earliest and prettiest spring flowers. The spreading tufts are covered with a sheet of pure white flowers as soon as the snow disappears. Unequalled for rockeries or edging; withstands the drought and is always neat; 6 inches. $\frac{1}{4}$ oz., 25 cts. 10

ARCTOTIS (African Daisy)

- 1216 **Grandis.** A remarkably handsome annual from Southwest Africa. It forms much-branched bushes 2 to 3 feet high; its flowers are large and showy, being pure white on the upper surface, the reverse of petals pale lilac-blue. There are few annual flowers grown in the garden more valuable for cut flower work than the Arctotis. It is easily grown from seed, and may be started in hotbed, in the house, or in the open ground, the seed germinating in about five days, and the plants may be expected to come into bloom early in July and continue until quite hard frost. It delights in a sunny situation. As a cut flower it is especially valuable, the blooms lasting a week or ten days in water, and if undeveloped buds are cut and placed in a sunny window every one will open and produce as fine flowers as though left on the plant. $\frac{1}{4}$ oz., 30 cts. 10

**ARMERIA (Sea Pink or Thrift)**

- 1221 **Formosa.** A very pretty edging plant, bearing rosy-pink flowers; hardy perennial. 2 pkts., 25 cts. 15

AURICULA

(Primula Auricula)

- 1500 A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; half-hardy perennial; 6 inches. 25



ARGEMONE HYBRIDA GRANDIFLORA



ARABIS ALPINA

ARCTOTIS GRANDIS

ARGEMONE

(Mexican or Prickly Poppy)

PER PKT.

1220 Hybrid Grandiflora.

We were delighted with a trial of this in our experimental grounds. The plants grew into sturdy bushes about 3 feet high, with

very ornamental pale green, spiny foliage, with clear silvery midrib and veins and poppy-like flowers of satiny texture, over 3 inches across, in various shades from rich yellow to creamy-white. It came into bloom early in July and continued without interruption till November. It is best to sow the seed where they are intended to bloom as soon as the ground is warm, and should have a sunny location, and prefers light soil. A very pretty and ornamental plant in or out of bloom. 2 pkts., 25 cts. 15

- 1219 **Platyceras Rosea.** A new introduction similar in habit of growth and foliage to the above, but with rich ruby-rose flowers. 2 pkts., 25 cts. 15

ASPARAGUS

- 1231 **Plumosus Nanus.** This graceful Asparagus is an excellent house plant. \$1.00 per 100 seeds. 25
- 1232 **Sprengeri (Emerald Feather.)** One of the best plants to grow in suspended baskets, window boxes, vases, etc.; for the greenhouse in winter and outside in the summer. 50 cts. per 100 seeds 10

Dreer's Famous American Asters



ASTERMUM

Asters are one of the most important summer and autumn flowers, and receive special care at our hands. Yearly exhaustive tests are made with a view to offering only the choicest kinds, regardless of cost. As a result of this care our list comprises only such sorts as can be planted with perfect confidence that nothing better is procurable, no matter at what price or from what source.

The varieties offered on this and the following three pages represent the finest Asters introduced to date, and are all firmly established favorites with the most critical growers of this popular flower, and should be in every garden where high quality is appreciated.

The early sorts, such as Queen of the Market, Lavender Gem and Royal, begin blooming in July, followed by the mid-season varieties, which are usually at their best during August, and which include such splendid sorts as Pink Beauty, Mikado, Ostrich Feather, and the Improved American Victorias. Then come the late-flowering kinds, which bloom from the end of August on through September into October. This class furnishes the finest flowers of all, and is well represented in our list by our Superb Late Branching in eight beautiful colors, our Peerless Pink, the finest Pink Aster grown, Crego's Giant, Crimson Giant, the Kings and a number of other fine sorts. It is quite easy, therefore, with a little care in the selection of the varieties, to have Asters in bloom from the first days in July until hard frost.

A Few Cultural Hints on the Growing of Asters

Asters will thrive in any good soil, prepared in the same way as you would for a crop of vegetables, but it is well to remember that any extra care taken in the preparation of the soil is repaid by finer plants, larger blooms with longer stems and more profuse flowering.

They should have an open, sunny position, and prefer a good, heavy, loamy soil, enriched with a liberal quantity of bone meal or other good commercial fertilizer; and the addition of wood ashes or air-slaked lime, and we do not advise growing them on the same ground year after year; it is better to change each season.

For early flowering the seed should be started in the house, hotbed or cold-frame in April, transferring them to their flowering quarters as soon as danger from frost is past. For August and later flowering it is just as well to sow them in the open in May, preferably in a prepared seed bed, transplanting them when two or three inches high to where they are to bloom, although they may be sown where they are to flower with almost as good results.

The main essentials to insure fine Asters are a rich soil, frequent cultivation, no check to their growth from start to finish and ample room to develop. When wanted for cutting with long stems, they should be set out not closer than twelve inches apart in the rows and two feet between the rows. When wanted for mass effects in beds they may be planted nine inches to a foot apart each way.

Asters are sometimes attacked by an aphid at their roots; also by stem rot, a disease which causes the stem to decay just at the point where it emerges from the ground. Both of these troubles are rarely met with if the plants are grown on good soil and are not checked in their growth. The addition of wood ashes or air-slaked lime at the time of the preparation of the bed also helps to prevent these troubles.

The Aster or Black Beetle, which devours the flowers, can only be destroyed by hand-picking or by knocking them into a basin or receptacle in which there is some water and kerosene oil. As a rule, these beetles come in August, and by growing only the early and the late-flowering kinds can be avoided.

ASTERMUM ASTERS

A strain of Comet Asters which, on account of their size and Chrysanthemum-like appearance, have appropriately been named Astermums. The plants grow about 2 feet high, and come into bloom a little earlier than the Crego's Giant. We offer three fine colors, as under:

- 1261 **Lavender.** A rich shade of lavender or light violet.
- 1262 **Pink.** A very attractive shade of lively rose-pink.
- 1263 **White.** Purest snow-white.

Price. 15 cts. per pkt.; a packet of each color for 35 cts.

CHINA ASTERS

- 1340 **General Mixture.** This mixture was saved from the many sorts and colors grown on our trial grounds the past season. 5 cts. per pkt.; $\frac{1}{4}$ oz., 25 cts.

Crego's Giant Comet Asters

We consider this the finest and largest of all Comet Asters, bearing immense fluffy flowers five inches and over in diameter, as fine as any Chrysanthemum, and when cut keep in good condition longer than any other of this type (illustrated on page 68). We offer five colors, viz.:

- | | |
|--|-------------|
| 1281 White. Pure white | PER PKT. 15 |
| 1282 Pink. Delicate shell-pink | 15 |
| 1283 Purple. Bright purple..... | 15 |
| 1284 Rose. Rich deep rose | 15 |
| 1285 Lavender. Deep lavender..... | 15 |
| 1288 Collection of a packet each of the 5 colors, 60 cts. | |
| 1290 Crego's Mixed. All colors. 15 cts. per pkt.; 75 cts. per $\frac{1}{4}$ oz. | |



Dreer's Famous American Asters

EARLY WONDER ASTERS

This is the best *extra* early Aster, flowering in early July from seeds sown in the open ground at the end of April, and if sown in March can be had in bloom before the close of June. The flowers are of good size, quite double, and are borne on good, long, stiff stems, which, added to their extremely early flowering, makes them of great value for cutting.

1342 White..... 15 | 1341 Pink..... 15

A packet of each for 25 cts.

KING ASTERS

The "King" Asters form a distinct class or type, and have many sterling qualities to recommend them to lovers of fine Asters. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming a very attractive flower. That we think highly of this type is evidenced by the fact that we include Rose King and Violet King in our collection of Six Famous American Asters, which we offer among our specialties on page 54.

1343 Dreer's Crimson King. The richest and deepest crimson variety known to us.

1344 Lavender King. Soft lavender blue.

1345 Pink King. An attractive delicate shell pink.

1346 Rose King. A beautiful brilliant rose variety.

1347 Violet King. A pleasing soft shade of violet.

1348 White King. Pure white.

Price. Any of the above, 15 cts. per pkt.

1349 Collection of a packet each of the above, for 75 cts.

1350 King Mixed. Contains all the colors. 15 cts. per pkt.; 75 cts. per ½ oz.



DREER'S LATE BRANCHING
ASTER

Dreer's Crimson Giant Aster

1305 This variety has all the good qualities of our Superb Late Branching type, but is of upright growth, with extra large, densely double flowers few under 5 inches across, on stems 15 to 18 inches long, in color a very rich blood-crimson, full of fire, making a brilliant bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

DREER'S SUPERBLATE-BRANCHING ASTERS

This grand strain is of American origin, and is especially adapted to our climatic conditions.

The plants form strong, branching bushes 2 to 2½ feet high, bearing on long, strong stems flowers which, under ordinary cultivation, average 5 inches across. They are usually at their best during September, and, all things considered, are the most valuable of all Asters, either for cutting or for bedding, and if only one kind of Aster is grown this is the type which will likely give the best results.

	PER ¾ OZ.	PER PKT.
1451 Azure Blue. A deep rich lavender..	60	10
1452 Deep Crimson. Rich and glowing...	60	10
1453 Deep Rose. Distinct and fine.....	60	10
1455 Pale Lavender. Exquisite greyish-blue	60	10
1456 Deep Purple. A rich royal shade...	60	10
1457 Rose-pink. A lovely shade; very popular.....	60	10
1461 Shell-pink. Soft and dainty.....	60	10
1467 Pure White. Perfect in its purity...	60	10
1469 Collection. A packet each of the 8 colors,	60	cts.
1470 Finest Mixed. All the colors mixed. ½ oz.,		
50 cts.; 10 cts. per pkt.		



CREGO'S GIANT COMET ASTER. (Offered on page 67)

Dreer's Famous American Asters

LAVENDER GEM ASTER

1353 One of the most beautiful Asters. It is of true Comet type, with large, artistic, loosely-arranged flowers on long, wiry stems, and of the most charming shade of lavender imaginable. Begins blooming in July, continuing through August; a lovely variety for cutting. 15 cts. per pkt.; 2 pkt., 25 cts.

MIKADO ASTERS

A Comet variety, very similar to the Crego's Giant offered on page 67, but dwarfer in growth, and comes into bloom fully two weeks earlier. The plants attain a height of about 18 inches, of branching habit and the flowers, borne on long, strong stems, are of colossal size, flowers five and six inches across being the rule. We offer two colors, viz.:

1357 **Mikado Pink, or Rochester.** A charming shade of pink suffused with lavender. A color which shows to great advantage under artificial light.

1358 **Mikado White.** Of purest glistening white; a magnificent and artistic flower.

Price. Either of the above, 15 cts. per pkt.; 2 pkts. for 25 cts.

OSTRICH FEATHER ASTERS

This magnificent Aster produces flowers of immense size, made up of long, loosely-formed petals. Blooms in August. When used for cutting, the flowers should be picked when about half expanded and allowed to develop in water in a cool room.

	PER PKT.		PER PKT.
1361 Bright Rose	10	1365 Violet Blue.....	10
1362 Lavender.....	10	1366 Vivid Crimson ...	10
1364 Salmon Pink.....	10	1367 Pure White.....	10
1369 Collection containing a packet each of the 6 colors.....	50		
1370 Mixed, all colors. ¼ oz., 75 cts.....	10		



ROYAL ASTER (Offered on page 70)



QUEEN OF THE MARKET
ASTER

Dreer's "Peerless Pink" Aster

1393 This is conceded to be the finest pink late-branching Aster ever offered. The plants are of robust, free-branching habit, and it is hard to find a flower under four inches across, and many measure five inches by two and a half in depth, forming an almost globular flower. The color is a rich shell-pink and comes into bloom about the middle of August, being at its best during the early part of September. 15 cts. per pkt.; 2 pkts., 25 cts.

Dreer's "Pink Beauty" Aster

1396 This was introduced by us in 1908, and is a magnificent variety of strong, free, upright growth, 24 to 30 inches high, blooming from early in August until well on in September, with frequently as many as 50 flowers open at one time on long, strong stems, and averaging 4 inches across, of chrysanthemum shape, the inner petals incurved, outer reflexed; color a soft, delicate blush pink, a shade that is always in demand for cutting. This has been pronounced by experts to be the finest pink mid-season Aster yet introduced. 15 cts. per pkt., 2 pkts., 25 cts.

Queen of the Market Asters

A first-class early-flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; 1 foot.

	PER PKT.		PER PKT.
1401 Bright Rose.....	10	1405 Pink.....	10
1402 Crimson	10	1406 Purple.....	10
1403 Lavender.....	10	1407 White.....	10
1409 Collection. One packet each of the 6 colors.....	50		
1410 Mixed Colors. ¼ oz., 50 cts.....	10		

DREER'S COLLECTION OF SIX FAMOUS AMERICAN ASTERS

Offered and described on page 54 contains nothing but extra fine sorts.

Dreer's Famous American Asters



ROYAL ASTERS

A recently developed type that might briefly be described as an early flowering form of our Superb Late Branching variety, having all the good qualities of the latter, but coming into bloom in July or early August, and lasting in perfect condition for a long time. The habit of the plants and their free flowering make them very desirable for beds or borders, while their long-stemmed flowers are ideal for cutting. The form of the flower is well shown in the illustration on page 69. We offer six beautiful and distinct colors.

PER PKT.

- 1412 **Lavender.** Soft lavender violet..... 15
- 1413 **Purple.** Rich, deep violet purple.. 15
- 1414 **Rich Rose.** A bright color 15
- 1415 **Rose-Pink.** Very pretty, shaded white at centre.... 15
- 1416 **Shell-Pink.** Very delicate..... 15
- 1417 **White.** Purest white..... 15
- 1419 **Collection** of a packet each of the six colors..... 75
- 1420 **Mixed.** Containing all of the colors. $\frac{1}{4}$ oz., 75 cts.. 10

NEW RED ASTER "SENSATION"

- 1442 This is the reddest of all Red Asters, the color being a rich garnet or ox-blood red, which glistens in the sunshine like a live coal. The plants are of free-branching habit, about 18 inches high; the very double flowers, averaging $3\frac{1}{2}$ inches across, are borne freely on stems a foot long from early in August till the close of September. The intense color shows up well when cut, and makes a very brilliant bit of color in a bed or border. 15 cts. per pkt.; 2 pkts., 25 cts.

Improved American Victoria Asters

This is by far the finest of all Asters for beds or borders where an even growth and a mass of flowers are wanted for effect; the sturdy upright plants, 12 to 15 inches high, carry not less than 50 flowers each, producing a mass of color unequalled by any other; blooms from early August till late October. (See cut.)

- 1471 **Daybreak.** Delicate La France pink..... 15
- 1472 **Purity.** Purest white, 15
- 1473 **Pale Lavender.** A delicate shade..... 15
- 1474 **Rose-Pink.** Rose shading to bluish-pink..... 15
- 1475 **Salmon-Pink.** Rich salmon-pink, exquisite..... 15
- 1477 **Azurea.** Rich, deep lavender-blue..... 15
- 1478 **Collection** of a pkt. each of the above 6 colors..... 60
- 1480 **Choicest Mixed.** All colors. $\frac{1}{4}$ oz., 75 cts..... 10

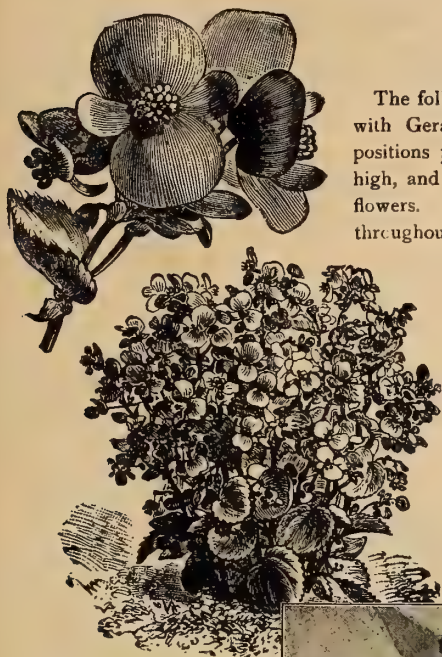
SINGLE CHINA ASTER

- 1440 The Single China Asters are very effective in beds or borders, and offer a pleasing change to the innumerable double sorts; mixed colors. $\frac{1}{4}$ oz., 30 cts..... 10

HARDY PERENNIAL ASTER

PER PKT.

- 1400 **Mixed** (*Michaelmas Daisies*). Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. If sown early they will flower the first season; 3 ft. $\frac{1}{4}$ oz., 50 cts..... 10



BEGONIA SEMPERFLORENS

BOOKS

On Horticultural Subjects

We offer a line of the most helpful works on the above. See inside of back cover of this book.

Balloon Vine

(Love-in-a-Puff)

PER PKT.

1525 A rapid-growing annual climber; succeeds best in light soil and warm situation; flowers white; seed vessels look like miniature balloons and of great interest to children. (See cut.). Per oz., 25 cts. 5



BALLOON VINE

Double Camellia-flowered Balsams

(Lady Slipper)

An old and favorite garden flower, producing its gorgeous masses of beautiful brilliant colored double flowers in the greatest profusion; of easy culture; succeeds in a good rich soil; tender annuals; 2 feet. Start the seed indoors in April, or sow out of doors in May. To grow fine specimens they should not be closer than 18 inches apart. (See cut.)

- 1532 **Salmon Prince.** Exquisite salmon-pink; very double. 10
- 1533 **Light Yellow.** 10
- 1534 **Scarlet.** Brilliant fiery scarlet. 10
- 1535 **Solferino.** Striped and spotted white, lilac and scarlet. 10
- 1536 **Violet.** Very rich. 10
- 1537 **White Perfection (Alba Perfecta).** Very double, immense solid round flowers of purest white. 10
- 1538 **Collection of the 6 colors offered above.** 40
- 1540 **Double Camellia-flowered.** Finest mixed. 1/4 oz., 25 cts. 5

BOCCONIA (Plume Poppy, or Tree Celandine)

1611 **Cordata.** Effective, hardy perennial, for single specimens or groups on lawns. Foliage glaucous green; bears freely spikes 2 to 3 feet long of cream-colored flowers; 5 feet; easily raised from seed. 1/4 oz., 25 cts. 10

BEGONIAS

Everblooming Bedding Varieties

The following are varieties of *Begonia Semperflorens*; and take rank as bedding plants with Geraniums and Coleus, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. They are of sturdy growth, growing about 1 foot high, and forming dense bushes, which, from May until frost, are completely hidden with flowers. As pot plants for winter flowering they are superb, remaining a sheet of bloom throughout the entire year. Easily raised from seed, which should be started either indoors or in a hotbed. (See cut.)

PER PKT

- 1562 **Erfordia.** Bright rosy-carmine. 25
- 1564 **Prima Donna.** Limped-rose, shading to carmine at the centre; everblooming. 25
- 1566 **Gloire de Chatelaine.** A beautiful large flowering everblooming variety of a lovely soft rose-pink. 25
- 1565 **Gracilis Rosea.** Handsome flowers of a delicate rose color. 1
- 1563 **Luminosa.** Brilliant fiery dark scarlet; very bright. 2
- 1577 **Salmon Queen.** The highest colored of all, being a brilliant salmon-rose, beautiful either as a pot plant or for bedding. 25
- 1571 **Vernon.** Bright orange-carmine flowers; deep red foliage. 15
- 1580 **Semperflorens, Single Mixed.** This mixture contains all the colors from pure white to deepest crimson; splendid. 10



BALSAM SALMON PRINCE



BELLIS (Double Daisy)

BELLIS (English Daisy)

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Easily raised from seed, which may be sown any time from spring till August. For best results, new plants should be raised from seed each year. The following are the finest double-flowering kinds, selected after careful test out of over twenty sorts:

- | | |
|---|----|
| 1594 Longfellow. Large, double-pink flowers | 10 |
| 1596 Ranunculiflora Alba. A splendid type, with densely double pure white flowers, not very large, but very free-flowering..... | 15 |
| 1597 Ranunculiflora Rosea. Identical to the preceding except in color, which is a bright rosy pink..... | 15 |
| 1593 Giant White. Each plant produces but a few flowers, but these are of enormous size, almost as big as a good-sized Aster..... | 25 |
| 1591 Giant Rose. Same as the above except in color..... | 25 |
| 1598 The Bride, or Improved Snowball. A fine large double free-flowering pure white..... | 10 |
| 1595 Double Quilled. Double quilled flowers in mixture, containing red, pink and white..... | 25 |
| 1600 Double Mixed. A fine mixture, containing all the colors. ½ oz., 50 cts..... | 10 |

BOLTONIA (False Chamomile)

One of the showiest of our native hardy perennials, growing 4 to 6 feet high, with daisy-like flowers in countless thousands from July to September.

- 1615 Asteroides. White..... 10 | 1616 Latisquama. Lilac pink. 10

BRYONOPSIS

- 1641 Laciniosa. A beautiful annual climber of the gourd species, with ivy-like pale green foliage and showy fruit, first green striped white, turning when ripe to bright scarlet striped white; 10 to 20 feet. 10

BRACHYCOME (Swan River Daisy)

PER PKT.

- 1620 Free-flowering, dwarf-growing annuals; covered during the greater part of the summer with a profusion of pretty blue or white flowers, suitable for edgings, small beds or pot culture; 9 inches. - (See cut.) ½ oz., 30 cts..... 5

BROWALLIA (Amethyst)

- 1640 Elata. One of our favorite profuse blooming annuals, covered with beautiful blue and white flowers during the summer and autumn months; grows freely in any rich soil; blooms finely in the winter if the plants are lifted in autumn and cut back; mixture containing both the blue and white varieties; 18 inch. ½ oz., 25 cts..... 5

CACALIA (Tassel Flower, or Flora's Paint Brush)

- 1650 A neat annual, of easy culture, with tassel-shaped flowers; blooms from June to September; fine for borders. Golden yellow and scarlet mixed; 1½ feet. ½ oz., 25 cts..... 5

**CALCEOLARIA**

- 1671 Dreer's Perfection. An ornamental plant, producing a mass of beautiful pocket-like flowers in the spring, and a universal favorite for decorating the greenhouse or conservatory. This strain was grown for us by a celebrated Scotch specialist, and is considered the finest in cultivation; flowers beautifully spotted and blotched in exceedingly rich and varied colors; of perfect form and fine substance; the habit of the plants dwarf and compact and very free-flowering.....50



BRACHYCOME

CALENDULA (Pot Marigold)

This is the "Marygold" of Shakespeare's time; one of the best and showiest free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, particularly bright in late fall, continuing to bloom from early summer until killed by frost; valuable also for pot culture; blooming freely in winter and early spring; 1 foot. (See cut.)

- | | |
|--|----------|
| | PER PKT. |
| 1681 Meteor. Large double orange, broadly striped with creamy-white, light centre. Oz., 30 cts | 5 |
| 1684 Prince of Orange. Rich orange cadmium, cream-white at base of petals, dark eye. Oz., 30 cts..... | 5 |
| 1682 Orange King. Very large and double bright orange-red, dark eye, an extra fine strain, with flowers averaging over 3 inches across. Oz. 30 cts..... | 5 |
| 1686 Lemon King. Very large and extremely double flowers of a pleasing rich lemon-yellow, dark eye. Oz., 30 cts..... | 5 |
| 1683 Nankeen. A very distinct variety, the double flowers of a creamy-yellow, slightly flushed apricot, dark brown eye. Oz., 30 cts..... | 5 |
| 1687 Royal or Trianon. Lemon-yellow striped orange, with dark eye. Oz., 30 cts..... | 5 |
| 1690 Mixed. All the double sorts. Oz., 25 cts..... | 5 |
| 1689 Collection. One packet each of the 6 separate sorts..... | 25 |

Dreer's Extra Early Colossal or Midsummer Giant Cosmos

We illustrate in colors and describe and offer this greatly improved form of the early flowering Cosmos on page 52. They bloom continuously from early July till frost.



CANARY-BIRD VINE



GROUP OF CALENDULAS

CANARY-BIRD VINE

(*Tropaeolum Canariense*)

PER PKT.

- 1749 A beautiful rapid growing annual climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. (See cut.) Per oz., 25 cts..... 5

CANNA (Indian Shot)

Dwarf, Large-flowering French. Unquestionably the finest of bedding plants for the American climate. The seeds here offered are all of our own saving. Soak the seeds in warm water until they show evidence of swelling, then sow in sandy loam, and place in a hotbed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out.

- 1799 **Collection** of a packet each of six grand sorts..... 40
1790 **Mixed.** Saved from the finest sorts. Per oz., 25 cts..... 5

*The growing of high-grade Cannas is one of our leading specialties.
For list of same see pages 140 and 141.*



LARGE FLOWERING FRENCH CANNAS



GROUP OF CALLIOPSIS

CALLIOPSIS

Showy and beautiful free-flowering annuals, of the easiest culture, doing well in any sunny position, blooming all summer and excellent for cutting and massing. It is best to sow them where they are to bloom, thinning out to stand 6 inches to 12 inches apart. By keeping the old flowers cut off the flowering season can be lengthened until late autumn.

- PER PKT.
- 1696 **Bicolor Nana.** Of dwarf, compact, even growth; flowers clear yellow with small garnet eye; 9 inches. $\frac{1}{4}$ oz., 20 cts. 5
- 1697 **Crimson King.** A fine dwarf sort, 9 inches high; color rich velvety crimson-garnet. $\frac{1}{4}$ oz., 30 cts. 10
- 1701 **Crown of Gold.** Large, rich, golden-yellow, 18 inches. $\frac{1}{4}$ oz., 30 cts. 10
- 1702 **Golden Wave (*Drummondii*).** Rich golden-yellow with small chestnut-brown centre; very free; 12 inches. $\frac{1}{4}$ oz., 20 cts. 5
- 1707 **Golden Ray.** Dwarf, compact plants, not over 9 inches high, covered with flowers of rich maroon edged with golden-yellow, and having twisted petals like a Cactus Dahlia. $\frac{1}{4}$ oz., 30 cts. 10
- 1708 **Marmorata.** A very showy sort, growing 2 feet high and covered with bright golden-yellow flowers, marbled with Wallflower-red. $\frac{1}{4}$ oz., 20 cts. 5
- 1703 **Nigra Speciosa.** A strong grower with good-sized flowers of rich reddish maroon; 2 feet. $\frac{1}{4}$ oz., 20 cts. 5
- 1705 **Tiger Star.** Plants not over 9 inches high, flowers of rich reddish brown, tigered with golden-yellow, not unlike some of the Orchids. $\frac{1}{4}$ oz., 30 cts. 10
- 1704 **Tinctoria.** Another showy variety, the large flowers being bright yellow and maroon, about evenly divided; 24 inches. $\frac{1}{4}$ oz., 20 cts. 5
- 1706 **Double Tinctoria.** Double and semi-double very showy flowers of rich maroon, edged with gold; 18 inches. $\frac{1}{4}$ oz., 20 cts. 5
- 1710 **Mixed.** All the choice sorts in mixture. Per oz., 30 cts. 5
- 1709 **Collection.** Containing packet each of the above 10 sorts 50

CANDYTUFT (*Iberis Umbellata*)

The annual Candytufts are universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produce flowers early in spring; when sown in April, flowers in June; successive sowings should be made at intervals. Hardy and easy to grow. Single plants transplanted look well and bloom profusely; 1 foot.

- PER PKT.
- 1751 **Carmine.** Bright carmine rose. Oz., 50 cts. 10
- 1752 **Crimson.** Rich deep shade. Oz., 40 cts. 5
- 1753 **Giant Hyacinth-flowered or Improved Empress.** As the result of extra care and painstaking selection this is now the finest of all the white varieties, being a complete mass of pure white flowers, in a pyramid of bloom. (See cut.) Per $\frac{1}{2}$ oz., 35 cts.; oz., 60 cts. 10
- 1755 **White Fragrant.** Flowers small, very sweetly scented. Oz., 40 cts. 5
- 1757 **Lavender.** Delicate shade of rosy-lavender. Oz., 40 cts. 5
- 1758 **Rose Cardinal.** Brilliant deep rosy-red; one of the most effective for bedding. Oz., 60 cts. 10
- 1759 **Collection.** Containing a packet each of the above 6 sorts, 30 cts.
- 1760 **Mixed.** A splendid mixture containing all the colors. Oz., 30 cts. 5

For Perennial Candytuft see *Iberis*, page 92.



GIANT HYACINTH-FLOWERED OR IMPROVED EMPRESS CANDYTUFT



CAMPANULAS or BELLFLOWERS

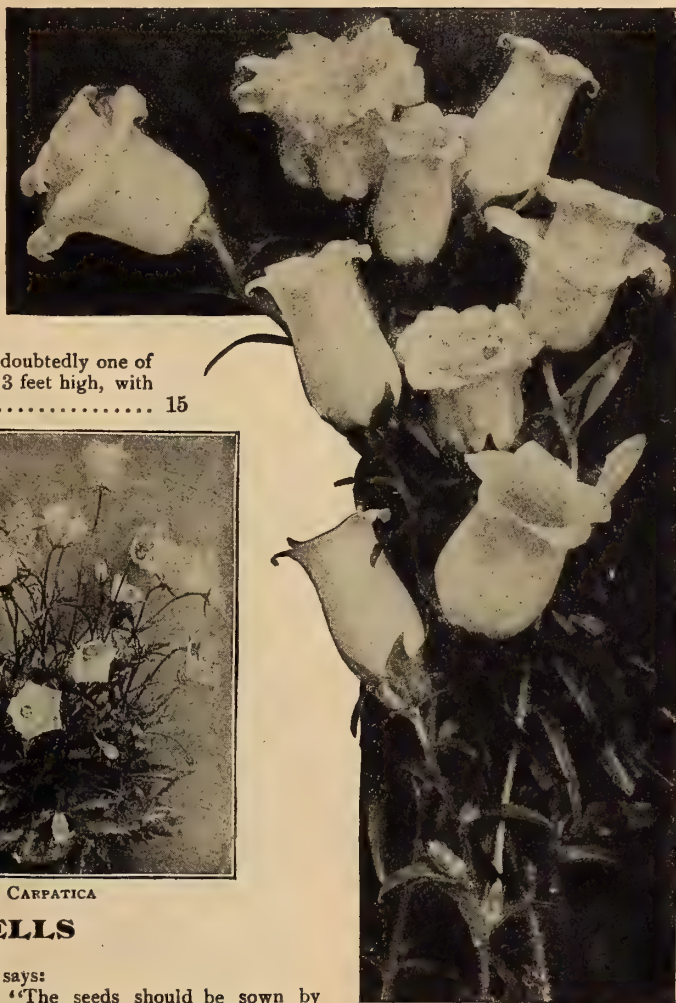
Well known, beautiful hardy herbaceous perennials, bearing a great profusion of attractive, bell-shaped flowers; thriving best in light, rich soil; some of the varieties flower the first season if sown early.

PER PKT.

- 1721 **Carpatica** (*Carpathian Hare Bell*). Free-flowering hardy perennial, continuing in bloom the whole season; color clear blue; grows 6 inches high; especially good for edging. $\frac{1}{4}$ oz., 40 cts. 10
- 1720 — **Alba**. The white-flowered form of the above. $\frac{1}{4}$ oz., 40 cts. 10
- 1724 **Persicifolia Grandiflora** (*Peach Bells*). Undoubtedly one of the finest of the hardy Bellflowers; grows 2 to 3 feet high, with large blue flowers. 15
- 1725 — **Alba**. The white-flowered Peach Bells. 15
- 1728 **Pyramidalis** (*The Chimney Bellflower*). A beautiful stately hardy plant, either for garden or pot culture; blue salver-shaped flowers; 4 to 5 feet. $\frac{1}{4}$ oz., 50 cts. 10
- 1729 — **Alba**. Same as above, but with white flowers. $\frac{1}{4}$ oz., 50 cts. 10



CAMPANULA CARPATICA



CUP AND SAUCER AND SINGLE
CANTERBURY BELLS

CANTERBURY BELLS

(*Campanula Medium*)

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"The seeds should be sown by mid-April, in finely prepared, rich soil—the colors in separate rows—and if the weather is dry, they should be given a thorough watering late every afternoon. By the 15th of July the little plants should be transplanted, either to the places where they are to bloom the following summer, or else they may be set out temporarily in rows about a foot apart, the plants eight inches apart, and finally transplanted early in October. Some evergreen branches, or a little straw or coarse hay, thrown over them when the ground begins to freeze, makes all the winter covering these plants require.

Calycanthema (*Cup and Saucer Canterbury Bells*). This is unquestionably the finest type of this old-fashioned and much prized garden plant. They differ from the ordinary type in having an extra large calyx, which is of the same color as the flower, giving the appearance of a cup and saucer. They are effective either in the garden or grown in pots for conservatory or table decoration. We offer them in separate colors, as well as in mixture, viz:

PER PKT.

- 1736 **Rose Pink**. Delicate rosy-pink. 15
- 1735 **Blue**. A fine clear shade. 15
- 1738 **White**. Pure white. 15
- 1740 **Finest Mixed**. All colors of the Cup and Saucer type. $\frac{1}{4}$ oz., 75 cts. 10

Medium (*Single Canterbury Bells*). The old-fashioned sort with beautiful, large bell-shaped blossoms, we offer four distinct colors and mixed, as follows.

PER PKT.

PER PKT.

- 1744 **Dark Blue**. 10 | 1746 **Rose**. 10
- 1745 **Light Blue**. 10 | 1747 **White**. 10

A packet of each of the four colors, 30 cts.

- 1748 **Single Mixed**, All colors. $\frac{1}{4}$ oz., 25 cts. 5
- 1741 **Double Mixed**, All the double-flowering medium varieties. $\frac{1}{4}$ oz., 50 cts. 10



CAMPANULA PERSICIFOLIA (Peach Bells)



GIANT MARGUERITE CARNATION

CARNATION

Carnations are general favorites for their delicious fragrance and richness of colors. They are indispensable, both for greenhouse culture in winter and for the garden in summer. The Marguerite and Chabaud type are the best for summer flowering. PER PKT.

- 1850 **Hardy Border Double Mixed.** A good hardy strain for outdoor culture, flowering the second season and producing a mass of flowers in a great variety of colors. $\frac{1}{2}$ oz., 30 cts. 10
- 1831 **Chabaud's Everblooming.** Raised by a famous French specialist. Blooms in five months after being sown, and continues to flower in the greatest profusion indefinitely. Mixed colors. 25

MARGUERITE CARNATIONS

These are deservedly the most popular Carnations with the amateur, as they begin flowering in a few weeks from time of sowing. The strain offered is of extra fine quality, producing on long, strong stems an abundance of large, double, beautifully-fringed, highly-scented flowers; with slight protection they will survive an ordinary winter and bloom freely the following spring.

- | | | | |
|---|----|---------------------------------|----|
| 1811 Deep Crimson | 15 | 1814 Fiery Scarlet | 15 |
| 1812 Yellow | 15 | 1815 Striped | 15 |
| 1813 Bright Rose | 15 | 1816 Pure White | 15 |
| 1818 Collection of 1 pkt. each of the above 6 colors..... | 60 | | |
| 1820 Mixed. All colors Marguerite Carnations. $\frac{1}{2}$ oz., 40 cts..... | 10 | | |

GIANT MARGUERITE CARNATION

- 1830 An improved strain, producing flowers of immense size, frequently measuring $2\frac{1}{2}$ to 3 inches across; strong, vigorous growers and wonderfully free-flowering; mixed colors. $\frac{1}{2}$ oz., 50 cts. 15

CELOSIA CRISTATA (Cockscomb)

Free-blooming annuals, growing best in rather light soil, not too rich; make grand border plants and are attractive for pots. Seed can be sown under cover in early spring and planted out in May, or may be sown out of doors in May.

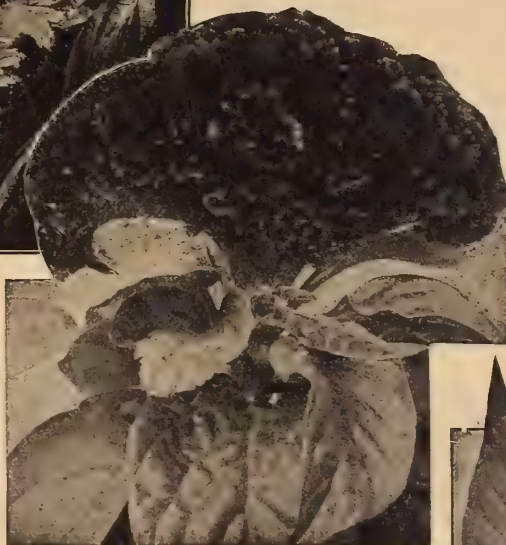
PER PKT.

- 1851 **Empress.** Rich crimson; combs of colossal proportions. 10
- 1852 **Glasgow Prize.** Immense, showy dark crimson combs. 10
- 1853 **Queen of the Dwarfs.** This we consider the finest of the dwarf-growing Cockscombs. The plants grow only 8 inches high, with beautiful dark rose-colored combs, measuring under good cultivation 2 feet across. 10
- 1860 **Dwarf, Mixed.** Fine dwarf varieties. $\frac{1}{4}$ oz., 40 cts. 10
- 1858 **Collection of 6 colors dwarf Cockscombs,** 50 cts.

CELOSIA PLUMOSA (Feathered Cockscomb)

Make fine plants for large beds or groups, and the plumes or flowers can be cut and dried for winter bouquets. Should be treated exactly the same as the Cockscombs described above.

- 1865 **Childsi (Chinese Woolflower).** This attractive novelty is offered with other specialties on pages 52 to 62. 15
- 1867 **Thompson's Superb (Triomphe de l'Exposition).** Of pyramidal growth, attaining a height of 3 feet, and producing graceful, feathery plumes of the most brilliant crimson. $\frac{1}{4}$ oz., 40 cts. 10
- 1868 **Thompsoni Magnifica.** Similar to the preceding, but ranging in color from the clearest yellow to the darkest blood-red. $\frac{1}{4}$ oz., 50 cts. 15
- 1866 **Golden Plume.** Bright, golden-yellow plumes. $\frac{1}{4}$ oz., 40 cts. 10
- 1870 **Plumosa, Mixed.** Feathered varieties in all colors. $\frac{1}{4}$ oz., 25 cts. 5



CELOSIA CRISTATA, GLASGOW PRIZE



CELOSIA PLUMOSA THOMPSON'S SUPERB

CENTAUREAS

Under this name is included such popular annuals as the Cornflowers, Sweet Sultans, etc. They are favorites in all sections of the country, are perfectly hardy, will grow and do well almost everywhere, and are much in demand as cut flowers.

CORNFLOWERS (*Centaurea Cyanus*)

These are also known as Bachelor's Buttons, Blue Bottle, Ragged Sailor, Bluet and sometimes as Ragged Robbin, but which name belongs to one of the *Lychnis* and frequently results in confusion. It is always best to order by the botanical names. They are well known to every flower lover, and always included in old-fashioned gardens. They usually re-seed themselves coming up year after year. A bunch of the blue sorts, with a few yellow *Calliopsis*, Marigolds, Calendulas or California Poppies, make a very rich combination.

- | | PER PKT. |
|--|----------|
| 1876 Single Blue. The favorite dark blue sort so much in demand for cutting. Per oz., 40 cts..... | 5 |
| 1877 — Rose. Per oz., 40 cts..... | 5 |
| 1878 — White. Per oz., 40 cts..... | 5 |
| 1880 — Mixed. Blue, white, rose, etc. Per oz., 30 cts. | 5 |
| 1881 Double Blue. This was introduced by us in 1907, and is now a standard variety and largely used by the commercial florist, who quickly recognized its value as a cut flower. It is identical in color to the popular single blue variety, which is so much in demand for cutting, especially for buttonieres, but, being a full, double flower, it takes fewer of them to make a nice bunch, and it is better in every way. $\frac{1}{4}$ oz., 50 cts., | 15 |
| 1882 Double Rose Pink. A splendid variety for cutting, color clear rose-pink. $\frac{1}{4}$ oz., 50 cts..... | 15 |
| 1890 Double-flowered Mixed. All colors, including blue, rose, white, etc. Per oz., 50 cts..... | 10 |



CENTAUREA CYANUS (Cornflower)

CENTAUREA IMPERIALIS

(Royal Sweet Sultans)

This beautiful class is undoubtedly the finest of all Sweet Sultans for cut flower purposes. The beautiful, sweet-scented, artistic-shaped flowers are borne on long, strong stems, and when cut will stand for several days in good condition. It is best, in this latitude, to sow very early in the spring, so that they may perfect their flowers before very hot weather comes. (See cut.) We offer the following distinct colors;

- | | PER PKT. | | PER PKT. |
|---|----------|----------------------------------|----------|
| 1891 Brilliant Rose. | 10 | 1894 Deep Purple. | 10 |
| 1892 Dark Rose. | 10 | 1895 Delicate Lilac. | 10 |
| 1893 Deep Lavender. .. | 10 | 1896 Pure White | 10 |
| 1899 Collection containing a packet each of the 6 colors.. | 50 | | |
| 1900 Finest Mixed Colors. $\frac{1}{4}$ oz., 25 cts..... | 5 | | |

VARIOUS CENTAUREAS

- 1874 **Americana** (*Basket Flower*). A splendid native variety, growing 3 feet high and bearing immense thistle-like blooms of a rosy-lavender color. Very showy in the mixed border and splendid for cutting. $\frac{1}{4}$ oz., 25 cts.. 5
- 1901 **Suaveolens** (*Yellow Sweet Sultan, or Grecian Cornflower*). Very showy, large, bright yellow flowers; sweetly scented and a popular sort for cutting, lasting well. $\frac{1}{4}$ oz., 25 cts..... 5

WHITE-LEAVED CENTAUREAS

(Dusty Millers)

Fine for bedding, vases, hanging baskets and pots; also extensively used for margins. As an edging to a bed of dark-leaved Cannas or Scarlet Sage these are particularly effective. Sow the seed early indoors, and transplant in May. *The white-leaved Cinerarias are also known as Dusty Millers.* See page 79.

- 1871 **Candidissima.** Silvery white; leaves broadly cut. Per 1000 seeds, 50 cts..... 15
- 1872 **Gymnocarpa.** Fine cut silvery foliage; $1\frac{1}{2}$ feet. Per 1000 seeds, 30 cts..... 10



CENTAUREA IMPERIALIS (Royal Sweet Sultan)

Chrysanthemums

ANNUAL VARIETIES

Showy and effective garden favorites, extensively grown for cut flowers. The following hardy annuals are summer-flowering border plants, and quite distinct from the hardy perennial and autumn flowering varieties:

PER PKT.

- 1921 **Burridgeanum**. Pure white petals with zone of rich brownish red and inner zone of yellow surrounding the dark brown disc. 10
- 1922 **Eastern Star**. Clear yellow petals with dark disc. 10
- 1923 **Morning Star**. Petals canary yellow, with halo of deeper yellow; disc dark yellow. 10
- 1924 **Northern Star**. Pure white fringed petals, with canary-yellow zone around a dark brown eye. 10
- 1925 **The Sultan**. Rich wallflower red with narrow yellow zone around the brown disc. 10
- 1926 **Evening Star, or Helios**. Rich sunflower yellow, the disc slightly deeper yellow. 10
- 1929 **Collection** of a packet each of the above 6 varieties. 40
- 1930 **Single Mixed (Painted Daisies)**. Many colors. (See cut.) Oz., 40 cts. 5
- 1931 **Coronarum, Double Mixed**. Yellow, white, etc. (See cut.) Oz., 40 cts. 5
- 1935 **Inodorum Plenissimum (Double White Mayweed)**. Makes a bushy plant about 2 feet high, with fine feathery foliage, and pure white, intensely double flowers, which are produced from mid-summer till frost; splendid for cutting. $\frac{1}{4}$ oz., 40 cts. 10

SHASTA DAISIES

(Chrysanthemum Leucanthemum)

- 1948 **Alaska**. A splendid hardy perennial variety with flowers rarely less than 5 inches across, of the purest glistening white, with broad overlapping petals, and borne on long strong stems; a beautiful cut flower, remaining in good condition a week or more. 5 pkts., \$1.00 25
- 1950 **Shasta Daisy**. A general mixture saved from a large number of extra choice hybrids, and certain to produce a large number of varieties of great merit. 2 pkts., 25 cts. 15



CHRYSANTHEMUM CORONARIUM



SINGLE ANNUAL CHRYSANTHEMUMS

CHRYSANTHEMUMS

PERENNIAL VARIETIES

PER PKT.

- 1944 **Japanese Hybrids**. Our stock of this comes to us direct from Japan, and is saved from a magnificent collection of over one hundred varieties, and cannot fail to produce satisfactory results. Seeds sown in spring will produce flowering plants by fall. 25
- 1945 **Double Early-flowering**. A new race which perfect their blooms in the open ground before frost. Easily grown from seed which may be expected to produce at least 75 per cent. of double-flowering plants in a large range of colors. 25
- 1951 **Hardy Pompon**. A fine strain of the the old-fashioned hardy fall-flowering sorts, with double button-like blossoms. Mixed colors. 25
- 1946 **Maximum King Edward VII (Moon-penny Daisy)**. Considered the finest of all, with flowers of extraordinary size, of purest white, perfect form, and exceedingly free-flowering. A splendid addition to this useful hardy perennial. $\frac{1}{4}$ oz., 30 cts. 10

CERASTIUM (Snow in Summer)

- 1911 **Tomentosum**. A very pretty dwarf, white-leaved edging plant, bearing small white flowers; hardy perennial. 15

Dreer's Extra Early Colossal or Midsummer Giant Cosmos

Shown in colors and described and offered on page 52.



CLEOME GIGANTEA

WHITE-LEAVED CINERARIA

(Dusty Miller)

PER PKT.

1971 *Maritima Candidissima*.

These, as well as the white-leaved *Centaureas* offered on page 77, are called "Dusty Millers." Fine for bedding, ribbon beds and margins; prized for their beautiful downy, silvery foliage; half hardy perennials, but should be treated as annuals; 2 feet. $\frac{1}{4}$ oz., 25 cts. 5



CINERARIA MARITIMA

CINERARIA HYBRIDA

* Beautiful flowering plants for the house or conservatory during the spring months.

Seed should be sown from May to September for succession. Where only one sowing is made, July should be preferred. *Cinerarias* grow so freely that the seedlings may go straight from the seed-pans to thumb-pots. After transplanting, place in a cold frame facing north, if possible. When the pots become full of roots, shift into larger ones till the flowering size is reached. Our prize strain is justly celebrated for all good qualities, being especially noted for size, coloring and texture.

1963 **Dreer's Prize Dwarf.** Dwarf compact plants not over a foot high with immense heads of large individual flowers in a great range of beautiful colors. 50

1964 **Dreer's Prize Tall.** Of taller growth than the above with flowers of extraordinary size. 50

1961 **Matador.** The new large-flowering scarlet, which adds considerable life and brilliancy to a collection. 50

1966 **Stellata** (*Star Cineraria*). A charming variety, with large spreading panicles of starry flowers in the same variety of colors as the ordinary *Cineraria*; the extreme grace and elegance of the plant and flowers make them wonderfully effective for the decoration of the house and conservatory, and especially so for church decoration; also useful for cutting. 25

CLARKIA

This pretty and easily grown annual has been much improved in recent years, and the varieties offered below are now seen as cut flowers in most of the large cities of Europe; they do well either in sun or shade growing 2 to 2½ feet high, with leafy racemes of double flowers, which all open in water when cut. (See cut.)

PER PKT.

- 1981 **Elegans Alba Fl. Pl.** Very double, pure white.. 10
 1984 — **Brilliant.** Rich crimson scarlet; very double.. 10
 1982 — **Salmon Queen.** Extra double, salmon pink.. 10
 1983 — **Scarlet Queen.** A brilliant orange-scarlet; a rare shade. 10

A pkt. each of the 4 sorts, 30 cts.

- 1990 **Elegans Double Mixed.** A fine mixture containing all the colors. $\frac{1}{4}$ oz., 25 cts. 10

CLEOME (Giant Spider Flower)

- 2002 **Gigantea.** In our trial grounds this proved to be the finest *Cleome* we had ever seen. The plants attain a height of 3½ feet, well branched, each branch terminated by a large head of bright rosy-crimson flowers. It makes a striking subject for large beds or for interspersing in the shrubby border, and is used extensively in many of the public parks. Seed should be sown in the open ground as soon as the weather is warm and settled, and the plants given sufficient room to develop their full beauty. $\frac{1}{4}$ oz., 25 cts. 10



CLARKIA



COBÆA SCANDENS

Convolvulus

(Morning Glory)

MAJOR, or CLIMBING MORNING GLORIES

Deservedly very popular, as they are one of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed. Soaking the seeds in warm water for an hour or two hastens germination; annuals 15 feet. (See cut.)

- PER PKT.
- 2060 **Mixed.** All colors. Per oz., 20 cts. 5
- 2061 **Double Flowering.** About 80 per cent. of the seedlings will produce double flowers, the remainder semi-double or single. Per ½ oz., 20 cts. 10

Imperial Japanese or Emperor Morning Glories are offered on page 92.

MINOR, or DWARF MORNING GLORIES

While these are called Dwarf Morning Glories, they really remain open all day in fine weather, and are rich colored, handsome dwarf plants, and not as well known as they should be; they make a fine border, or can be grown in masses in beds, producing an unusually brilliant effect.

- 2053 **Minor Roseus Superbus.** A very attractive sort, with glistening satiny rose-pink flowers. Per oz., 25 cts. 5
- 2052 **Minor Tricolor, Mixed.** A very large range of color, from pure white to deep purple; annual; 1 foot. Per oz., 20 cts. 5

COBÆA (Cups and Saucer Vine or Cathedral Bella)

A climber of rapid growth, attaining a height of 30 to 50 feet during the season; valuable for covering trellises, arbors, trunks of trees, etc.; will cling to any rough surface. In sowing, place seeds *edgewise* and merely cover with light soil; to get early results start the seed indoors in March or April; can also be sown out-of-doors in May. (See cut.)

- 2021 **Scandens.** Large, bell-shaped purple flowers. ½ oz., 25 cts. 10
- 2022 **Scandens Alba.** Pure white. ½ oz., 40 cts. 15

COLEUS (Flame Nettle)

- 2040 **Dreer's Hybrids.** Our strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. A most interesting subject to grow from seed. Easily raised. Sow indoors in March or April. 25
- 2041 **Ornatus.** Splendid large-leaved variety, with strikingly handsome variegated foliage; of great value for all decorative purposes 25

RAINBOW CORN (Zea Japonica Variegata)

- 2662 As an ornamental foliage plant this is not only highly effective, but very interesting. It grows about 5 feet high, quite bushy, the wonderfully variegated leaves being striped with bright green, silvery white, rosy-purple and sulphur yellow. It makes a very pretty dividing line between the vegetable and flower garden, or it may be used in the mixed border. Per oz., 30 cts. 10



CONVOLVULUS MINOR

COWSLIP (Primula Veris)

- 2110 **Mixed.** A beautiful hardy spring-flowering perennial; flowers of different colors, such as yellow, brown-edged yellow, etc. Very fragrant; 6 inches 15
- 2112 **Invincible Giant.** Quite distinct from the ordinary Cowslip, both in the stronger growth of the plant and in the massive flowers, which are borne on stout stems 12 to 15 inches high. The colors range from pure yellow and orange to the deepest scarlet and crimson. 5 pkts., \$1.00. 25



CONVOLVULUS MAJOR (Morning Glory)

COREOPSIS

PER PKT.

2071 Lanceolata Grandiflora. This is one of the finest of hardy plants, with large, showy bright yellow flowers, produced in the greatest abundance from June till frost. As a cut flower they stand near the head among hardy plants, having long stems and lasting in good condition a week or more. Easily grown from seed, flowering the first year if sown early. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10

COSMOS

Beautiful autumn-blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades, furnishing an abundance of cut blooms for autumn decorations when other flowers are scarce. Should be sown in Spring in the open ground, when danger of frost is past, or the seed may be started under cover and afterwards transplanted. Plant not less than 18 inches apart in rows or in masses in beds. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. They prefer a rather light, not too rich soil, but do well almost anywhere. The sorts offered below produce the finest flowers, but bloom late, and for points north of Philadelphia it is safer to get the extra early flowering type.

Mammoth Perfection. A magnificent selection, bearing flowers of mammoth size and perfect form. We offer the following colors:

PER PKT.

2096 Crimson. Rich and deep. $\frac{1}{4}$ oz., 25 cts. 10
2097 Light Pink. A popular color. $\frac{1}{4}$ oz., 25 cts. 10
2098 Pure White. $\frac{1}{4}$ oz., 25 cts. 10
2100 Mixed Mammoth Perfection. Per $\frac{1}{4}$ oz., 20 cts.; per oz., 50 cts. 10



COREOPSIS LANCEOLATA GRANDIFLORA

PER PKT.

2093 Giant Pink Lady Lenox. This is the latest development in this popular autumn flower, bears gigantic flowers, with wide, overlapping petals of splendid substance, making a perfectly circular flower, which is borne on very long stems; in color a beautiful deep rosy pink. $\frac{1}{4}$ oz., 30 cts. 10
2094 Giant White Lady Lenox. The white-flowered form of the above. $\frac{1}{4}$ oz., 30 cts. 10
2081 Double Crimson. 20
2082 Double Pink. 20
2084 Double White. 20

A packet each of the 3 Doubles for 50 cts.

2092 "Klondyke." Golden-yellow flowers borne on long stems, and measures from $2\frac{1}{2}$ to $3\frac{1}{2}$ inches across. To get this variety in bloom before frost in the States north of Virginia it should be grown in pots or boxes, so that the roots are confined, thus throwing it into flower. 10

EXTRA EARLY COLOSSAL OR MIDSUMMER GIANT COSMOS

Seeds sown in the open ground April 27th produced plants that were covered with bloom July 20th, two months before the late flowering kind. These are illustrated in colors and fully described on page 52.

PER $\frac{1}{4}$ OZ. PER PKT.

2085 Crimson. Very rich. 30 10
2086 Pink. A pretty shade. 30 10
2087 Pure White. 30 10
 A pkt. each of the 3 colors for 25 cts.
2090 Mixed. All colors. $\frac{1}{4}$ oz., 25 cts.; oz., 75 cts.. 10



MAMMOTH PERFECTION COSMOS



CYCLAMEN

Charming house plants, with beautiful foliage and rich-colored, fragrant flowers; universal favorites for winter and spring blooming. The Giant varieties have large leaves and stout flower stalks, throwing the flowers well above the foliage. Seed may be sown any time during the spring or autumn.

- 2120 **Persicum.** A very fine strain, not so large but easier to grow than the Giants; mixed colors. Per 100 seeds, \$1.00..... 15
- 2122 **Giant Salmon.** Very bright..... 50
- 2125 — **Pure White.**..... 25
- 2126 — **White** with carmine eye..... 25
- 2127 — **Dark Blood-red.**..... 25
- 2128 — **Delicate rose** with deep crimson eye..... 25
- 2130 — **Finest Mixed.** Saved from a superb collection. Per 100 seeds, \$2.00..... 25
- 2123 **Butterfly.** In this type the edges of the flowers are beautifully fringed or waved; for house or conservatory decoration they are of surpassing beauty. Mixed colors.... 50



CYPRESS VINE

CYPRESS VINE

(Ipomoea Quamoclit)

One of the most popular vines, with very delicate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May, first soaking the seeds in warm water for a few hours; 15 feet.

- 2156 **Scarlet.** Per oz., 50 cts. 5
- 2157 **White.** Per oz., 50 cts. 5
- 2160 **Mixed.** White and scarlet. Per oz., 40 cts. 5
- 2158 **Quamoclit Hybrid** (The Cardinal Climber.) The best annual climber introduced in many years; beautiful fern-like foliage and brilliant cardinal flowers. 2 pkts. 25 cts. 15

GIANT PERFECTION
SINGLE DAHLIA

DAHLIAS

One of the best late summer and autumn flowering plants, and now enjoying a wide popularity; the double sorts will bloom the first season if the seed is sown before the beginning of April; the single sorts will bloom from seed sown in the open ground as late as June, although an earlier start is better.

PER PKT.

2186 Twentieth Century.

In size the flowers are giants, 4½ to 7 inches across, and in color vary from almost pure white to deep crimson-lake. 2 pkts. for 25 cts. 15

2181 Colossal Peony-flowered.

French strain, producing mammoth semi-double Peony-like flowers in a bewildering range of colors, 2 pkts. for 25 cts. 15

2185 Colerette.

A novel type, having a row of petals around the disc like a frill or collar, and which is of a different color to the regular petals; mixed colors 15

- 2182 **Giant Perfection.** This strain produces single flowers of immense size, averaging 6 inches across, in a great variety of coloring. ¼ oz., 50 cts. 15
- 2190 **Single Mixed.** All colors. ¼ oz., 25 cts. 5
- 2196 **Double Cactus.** This type is very desirable. Many colors. ¼ oz., 40 cts. 15
- 2197 **Giant Double Decorative.** This comes from a famous French hybridizer, who states that it has been saved from a superb collection containing a very varied range of colors, with flowers frequently 8 inches across. 25
- 2200 **Double Large-flowering.** Saved from fine double show sorts. ¼ oz., 40 cts. 15

DATURA (Trumpet Flower)

Ornamental annuals with large and showy flowers, making handsome plants, 2 to 3 feet high.

- 2212 **Cornucopia** ("Horn of Plenty"). A grand variety, the flowers averaging 8 inches long by 5 inches across; French white inside, purple outside; delightfully fragrant; started early, will flower from early summer until fall. 10
- 2213 **Fastuosa Huberiana.** Large double flowers of various colors. ¼ oz., 25 cts. 5



DOUBLE CACTUS DAHLIAS

DELPHINIUM (Hardy Perennial Larkspur.)

Mr. W. C. Egan, the well known amateur and writer on horticultural subjects, says of Delphiniums:

"Sow the seeds in early spring indoors or in hot beds in shallow boxes. When the seedlings are about three-quarters of an inch high, transplant to flats three or four inches apart each way, and a week or ten days before planting out time remove the flats to open air, protecting them cold days or nights; this hardens them off and prevents any set-back when planted out.

"Spring-sown plants bloom in July and August. They take up very little room, for they may be planted 6 or 8 inches apart the first season. The following spring the choicer ones may be planted in permanent quarters in groups of three or more, or in larger groups in the shrubbery border, or to the rear of hardy perennials, two or three feet apart. In two or three years they should be taken out, the beds heavily manured, the plants reset and more room given each plant."

They can also be sown in the open ground in spring, but would not likely flower until the second year.

PER PKT.

2240 Gold Medal Hybrids. This is one of our most important specialties, and is unquestionably the finest strain of mixed hybrids ever offered. The original stock came from England, and consisted of the best named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. $\frac{1}{2}$ oz., 50 cts. 15

2218 Belladonna. (*Ever-blooming Hardy Larkspur*). This is the freest and most continuous blooming Hardy Larkspur. The clear turquoise blue of its flowers is not equalled for delicacy and beauty. A really exquisite variety. 5 pkts., \$1.00..... 25



DIGITALIS (Foxglove.)

GOLD MEDAL HYBRID DELPHINIUMS.

- | | |
|---|----|
| 2242 Chinese. (<i>Blue Butterfly</i>). A distinct and neat variety growing about 18 inches high, with fine feathery foliage, and producing freely spikes of large blossoms of intense gentian-blue, $\frac{1}{2}$ oz., 30 cts..... | 10 |
| 2241 — Album. The white flowered form. $\frac{1}{2}$ oz., 30 cts..... | 10 |
| 2246 Formosum. Beautiful spikes of rich blue flowers, with a white centre, $2\frac{1}{2}$ feet. $\frac{1}{2}$ oz., 50..... | 10 |
| 2238 Double Hybrids. Finest double flowering mixed in great variety of charming colors. $\frac{1}{2}$ oz., 50 cts..... | 15 |

DIGITALIS (Foxglove)

Handsome and highly ornamental hardy plants of stately growth, succeeding under almost all conditions, and with but little attention will give a wealth of flowers during June and July. They are now used extensively with good effect for naturalizing in shrubberies, the edge of woods and other half-shady places; 3 to 5 feet.

Gloxinaeflora. This is a fine strain of the ordinary Foxglove *D. purpurea*, with handsome spotted Gloxina-like flowers on long spikes.

- | | |
|---|----|
| 2356—Purple. $\frac{1}{2}$ oz., 40 cts..... | 10 |
| 2357—Rose. $\frac{1}{2}$ oz., 40 cts..... | 10 |
| 2358—White. $\frac{1}{2}$ oz., 40 cts..... | 10 |
| 2360—Mixed. All colors, $\frac{1}{2}$ oz., 30 cts..... | 10 |
| 2366 Grandiflora. Light yellow flowers in good spikes. $\frac{1}{2}$ oz., 30 cts..... | 10 |
| 2367 Maculata Superba. An extra choice strain of beautifully spotted sorts $\frac{1}{2}$ oz., 30 cts..... | 10 |
| 2370 Monstrosa. (<i>Mammoth Foxglove</i> .) Long spikes surmounted by one enormous flower; very odd; all colors mixed. $\frac{1}{2}$ oz., 40 cts..... | 10 |
| 2371 Lanata. A distinct species, producing dense spikes, 2 to 3 feet high, of odd looking flowers; the corolla being gray, the lip creamy white..... | 10 |



DIANTHUS OR PINKS

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The varieties classed as annuals are really biennials, but are treated as annuals and may be sown out of doors when the danger from frost is past, and in a few weeks' time they are a mass of bloom continuing so until after hard frost. As a rule, they survive the winter if given slight protection, flowering abundantly the following season. They grow about a foot high and can be used in beds or borders of solid or mixed colors. The double flowering sorts are almost as fine as carnations for cutting. They are not particular as to soil, but should have a sunny location.

DOUBLE ANNUAL PINKS

PER PKT.

2250 **Chinensis Fl. Pl.** (*China or Indian Pink*) Blooms in clusters, flowers very double and a large range of bright colors.

$\frac{1}{4}$ oz., 25 cts. 5

2255 **Violet Queen.** Rich violet, an unusual shade, $\frac{1}{4}$ oz., 50 cts. 10

2260 **Diadematus Fl. Pl.** (*Double Diadem Pink*). Beautiful double flowers; mixed,

of various tints of lilac, crimson, purple, to very dark purple, with the outer edges fringed and nearly white. $\frac{1}{4}$ oz., 40 cts. 5

2266 **Snowball.** Large double white, splendid for cutting or as a border. $\frac{1}{4}$ oz. 40 cts. 5

2267 **Mourning Cloak.** (*White Frill*). Rich, blackish velvety crimson, margined white. $\frac{1}{4}$ oz., 40 cts. 5

2268 **Salmon King.** Brilliant salmon rose, $\frac{1}{4}$ oz., 60 cts. 15

2270 **Heddewigi Fl. Pl.** (*Double Japan Pink*). Double mixed. Colors varying from the richest velvety crimson to the most delicate rose. $\frac{1}{4}$ oz., 30 cts. 5

2277 **Fireball.** Rich, blood-red flowers. Makes a striking contrast to the variety Snowball. $\frac{1}{4}$ oz., 40 cts. 5

2280 **Imperialis Fl. Pl.** (*Double Imperial Pink*). Double mixed in a very large range of colors. $\frac{1}{4}$ oz. 30 cts. 5

2283 **Striped Beauty.** Striped in great variety of colors. Very gay. $\frac{1}{4}$ oz., 40 cts. 5

2288 **Lucifer.** A new double flowering form of the bright geranium-red single Pink Vesuvius, offered on next page. The nicely fringed double flowers are about 2 inches across, and, owing to its intense, dazzling color, a general favorite. $\frac{1}{4}$ oz. 75 cts. 15

GROUP OF DOUBLE ANNUAL PINKS

PER PKT.

2290 **Laciniatus Fl. Pl.** (*Double Fringed Pink*). Large, double, showy flowers, with fringed edges, in a great variety of colors. $\frac{1}{4}$ oz., 30 cts. 5

2300 **Nobilis Fl. Pl.** (*Double Royal Pink*). Flowers of largest size, varying in color from scarlet to dark blood-red and rose to white. $\frac{1}{4}$ oz., 50 cts. 10

2289 **Collection Brilliant Dianthus.** Containing a packet each of six of the best double and six of the best single sorts, 60 cts.

HARDY GARDEN PINKS (*Dianthus Plumarius*, etc.)

These varieties are well adapted for beds and borders; delightful, refreshing, spicy odor; should be in every garden where cut flowers are wanted, and make a fine edging to a hardy border.

PER PKT.

2340 **Plumarius** (*Grass Pink, Scotch Pink, or Pheasant-eye Pink*). A beautiful single hardy Pink, with fringed-edged flowers of various colors. $\frac{1}{4}$ oz., 50 cts. 10

2337 **Plumarius Fl. Pl.** (*Double Hardy Garden Pinks*). Double and semi-double varieties in beautiful colors. $\frac{1}{4}$ oz., 75 cts. 15

2336 **Plumarius Sempreflorens** (*Everblooming Hardy Garden Pinks*). Very beautiful, sweet-scented, double, semi-double and single flowers in great diversity of color 25

2342 **Latifolius Atrococcineus Fl. Pl.** (*Everblooming Hybrid Sweet William*). This is a cross between an annual pink and Sweet William, combining the free and continuous blooming qualities of the former with the hardness of the latter; in color an intense velvety crimson scarlet. 15

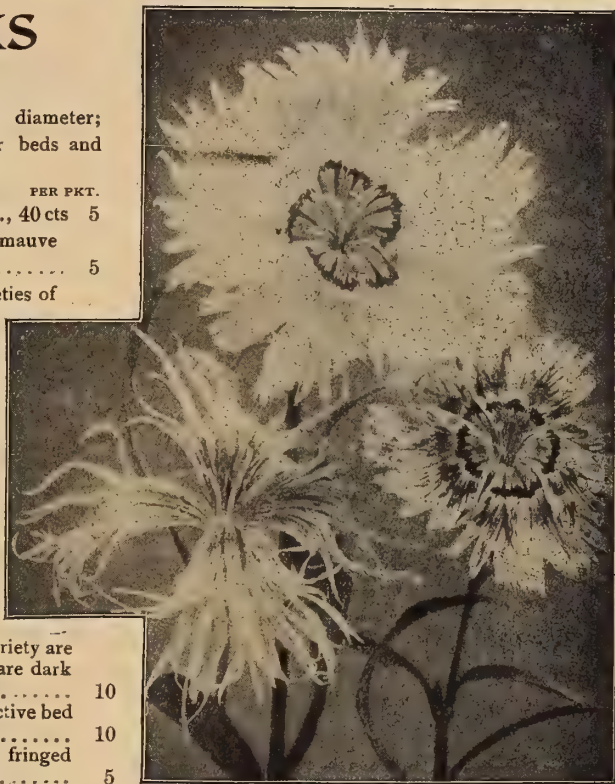
2343 **Latifolius Double Mixed.** In addition to the the brilliant crimson scarlet sort offered above, this mixture contains purple, violet and rose. 10

DIANTHUS, or PINKS

SINGLE ANNUAL PINKS

All the single sorts have large flowers 2 to 3 inches in diameter; their many and brilliant colors make them very desirable for beds and borders; 1 foot.

- | | PER PKT. |
|--|----------|
| 2301 "Crimson Belle." Rich velvety crimson. Per $\frac{1}{4}$ oz., 40 cts | 5 |
| 2302 "Eastern Queen." Beautifully marbled rose and mauve flowers. Per $\frac{1}{4}$ oz., 40 cts. | 5 |
| 2303 <i>Nobilis</i> (<i>Royal Pinks</i>). Selected and improved varieties of the popular single-flowering Japan pink. The colors vary from white to dark red. Per $\frac{1}{4}$ oz. | |
| 50 cts., | 10 |
| 2310 <i>Heddewigi</i> (<i>Single Japan Pink</i>). Finest selected single-flowered; mixed. Per $\frac{1}{4}$ oz., 30 cts | 5 |
| 2315 <i>Punctatus</i> (<i>Princess Pinks</i>). A very novel variety, with fringed flowers, mottled, flaked, spotted and striped in the greatest diversity of colors, $\frac{1}{4}$ oz., 50 cts. | 10 |
| 2316 <i>Marvelous</i> . This remarkable strain produces large flowers, with the petals deeply cut into fine strips of thread-like fringes; all shades from pure white to deep purplish-red. Per $\frac{1}{4}$ oz., 50 cts | 10 |
| 2317 "Salmon Queen." The well formed, nicely-fringed flowers are a brilliant salmon color changing into a salmon-rose when fading. The seeds of this variety are white or yellowish-white; those of other annual Pinks are dark brown or black. Per $\frac{1}{4}$ oz., 50 cts. | 10 |
| 2319 <i>Vesuvius</i> . Brilliant geranium-red; makes a very effective bed or border. Per $\frac{1}{4}$ oz., 50 cts. | 10 |
| 2320 <i>Laciniatus</i> (<i>Single Fringed Pink</i>). A beautiful fringed variety; various colors. Per $\frac{1}{4}$ oz., 40 cts. | 5 |
| 2289 <i>Collection Brilliant Dianthus</i> . Containing a packet each of six of the best double and six of the best single sorts. | 60 |



GROUP OF SINGLE ANNUAL PINKS



DIMORPHOTHECA

DIMORPHOTHECA (African Golden Daisy)

PER PKT.

- 2375 *Aurantiaca*. An extremely showy annual Daisy from South Africa, which suits our climatic conditions perfectly. The bushy plants grow 12 to 15 inches high. The flowers, which are 2 $\frac{1}{2}$ inches and over across, are a unique, rich, glossy orange-gold, with dark disc and halo. These glitter in the sunshine and present a magnificent sight when in full bloom. Seed may be sown in the same way as Asters or Petunias, and should have a dry, sunny position. They bloom the greater part of the summer and fall. $\frac{1}{4}$ oz., 40 cts
- 2374 *Aurantiaca Hybrida*. Beautiful new hybrids of the African Golden Daisy, and similar in habit to the parent; flowers equally as large, but varying in color from the purest white through the various shades of yellow and orange to rich salmon shades, many being zoned with several of these colors around the black disc. $\frac{1}{4}$ oz., 50 cts.

DOLICHOS (Hyacinth Bean)

A rapid growing annual climber, flowering freely in erect racemes, followed by ornamental seed-pods; for covering arbors, trellises, etc. Sow the seed in the garden in May where they are to remain; 10 feet. (See cut on page 86.)

- 2377 "Daylight." This grand Hyacinth Bean comes from Japan. In our trial ground seed sown late in May had by the middle of July attained a height of over 10 feet, and was covered with spikes of snow-white pea-shaped blossoms from then until late fall. The heart-shaped foliage is bright green and not affected by insect pests. Per oz., 30 cts.
- 2376 "Darkness." Identical in every way to the above except in color, which is rich purple-violet. Per oz., 30 cts.
- 2380 *Lablab, Mixed*. Purple and white. Per oz., 20 cts



DOLICHOS (Hyacinth Bean)
Offered on page 85

DRACÆNA (Dragon Plant)

PER PKT.

- 2386 **Indivisa.** Beautiful ornamental-leaved plants; long, narrow, green foliage; indispensable for vases and house decorations. $\frac{1}{4}$ oz., 25 cts. . . 10

ECHINOCYSTIS

(Wild Cucumber Vine)

- 2401 **Lobata.** One of the quickest growing annual vines we know of; splendid for covering trellises, old trees, fences, etc. Clean, bright green foliage and sprays of white flowers during July and August. (See cut.) Per oz., 30 cts. 5

ERYNGIUM (Sea Holly)

- 2421 **Amethystinum.** Handsome ornamental hardy plants, growing 2 to 3 feet high, with finely-cut, spiny foliage and beautiful thistle-like heads of amethystine-blue; fine for winter bouquets 15

ERYSIMUM (Fairy Wallflower)

- 2411 **Peroiskianum.** We sent out for trial the past two seasons a number of packets of this annual, and have received so many favorable reports that we have concluded to add it to our list. The plants grow about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seed in the open ground in spring and give it a sunny position. Oz., 25 cts. 5



ECHINOCYSTIS LOBATA

ESCHSCHOLTZIA (California Poppy, Gold Cups)

Very attractive annuals for beds, edgings, or masses; profuse-flowering, fine-cut; glaucous foliage; in bloom from June to frost; the Golden sorts and the blue Larkspur or Cornflower form a beautiful combination, either in the garden or when cut, 1 foot. (See cut.)

	PER PKT.		PER PKT.
2423 Californica Aurantiaca. Rich golden orange. Per oz., 40 cts.	5	2431 Geisha. Inside of the prettily fluted petals brilliant golden yellow, outside intense orange-crimson. Very rich. 15	
2424 Caniculata Rosea. Soft flesh-pink, petals fluted or crimped. Per oz., 50 cts.	5	2432 Golden West. Bright buttery yellow with orange centre. Per oz., 40 cts.	5
2422 Chrome Queen. Chrome yellow; quite distinct from all other yellow sorts. Per $\frac{1}{4}$ oz., 30 cts.	10	2433 Mandarin. Inner side of the petals rich orange, outside brilliant scarlet. Per oz., 40 cts.	5
2425 Crimson King. Rich carmine-crimson; an extra select strain. Per $\frac{1}{4}$ oz., 30 cts.	10	2435 Vesuvius. Rich wallflower or coppery-red. Per $\frac{1}{4}$ oz., 30 cts.	10
2427 Dainty Queen. Pale coral-pink on cream ground. Very dainty. Per $\frac{1}{4}$ oz., 25 cts.	10	2439 Collection containing a packet each of the above 10 splendid and distinct sorts, 60 cts.	
2428 Fringed Yellow. Pure deep yellow, the petals deeply cut or fringed. Per $\frac{1}{4}$ oz., 30 cts.	10	2438 Double-flowering Mixed. Per oz., 40 cts.	5
		2440 Single Mixed. All colors. Per oz., 30 cts.	5



ESCHSCHOLTZIAS OR CALIFORNIA POPPIES



GAILLARDIA PICTA DOUBLE-FLOWERING

EUPATORIUM (Thorough Wort)

PER PKT.

Strong-growing, hardy perennials, well suited for naturalizing, and deserve a place in every hardy border; they will grow and thrive in almost any situation; will flower the first year if sown early.

- 2442 **Ageratoides.** A very useful variety, growing 3 to 4 feet high, with dense heads of minute white flowers from August to October..... 10
- 2443 **Cœlestinum.** One of the best blue perennials, 18 to 24 inches high, and bears from August till frost an abundance of deep lavender-blue, flossy flowers, splendid for cutting..... 15
- 2441 **Fraseri.** A very pretty dwarf variety, producing clusters of snow-white flowers; fine for cutting and bouquets; 1½ feet..... 10

EUPHORBIA

Strong-growing annuals, suitable for beds of tall-growing plants or mixed borders; the flowers are inconspicuous; the foliage, however, is exceedingly ornamental.

- 2452 **Variegata** (*Snow on the Mountain*). Attractive foliage; veined and margined with white; 2 feet. Per oz., 40 cts..... 10
- 2451 **Heterophylla** (*Annual Poinsettia*). An annual resembling in habit and color the beautiful hothouse Poinsettia. The plants grow 2 to 3 feet high, of branching, bush-like form, with smooth, glossy-green leaves which, about mid-summer, become a beautiful orange-scarlet, presenting a striking and brilliant appearance. 15

GEUM (Avens)

- 2541 **Astrosanguineum Fl. Pl.** Beautiful hardy perennial, bearing profusely large, showy double dark-crimson flowers all through the summer; an elegant flower for bouquets. ½ oz., 40 cts.... 10

GLOBE AMARANTH (Gomphrena)

Popularly known as "Bachelor's Buttons," a first-rate bedding plant; the flowers resemble clover heads and can be dried and used in winter bouquets. Cornflowers and a number of other flowers are also known as Bachelor's Buttons, and in ordering it is well to order by number to prevent mistakes.

- 2570 **Mixed.** 2 feet. ½ oz., 25 cts..... 5

GAILLARDIA (Blanket Flower)

Annual Varieties

Splendid showy annuals, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting; should be sown where they are to bloom; 1½ feet.

PER PKT.

- 2496 **Picta.** Crimson and orange. ½ oz., 25 cts..... 5
- 2500 **Picta Mixed.** Single sorts; fine colors. ½ oz., 25 cts. 5
- 2498 **The Bride.** This new double-flowering, creamy-white sort is particularly desirable for cutting, the flowers being of good size and borne on very long stems. 2 pkts. for 25 cts..... 15
- 2497 **Double-flowering Mixed.** A charming, profuse, double-flowering strain; beautiful mixed colors. ½ oz., 40 cts..... 10

Hardy Perennial Varieties

The following are among the showiest and most effective hardy perennial plants, and should find a place in every hardy border. They thrive in almost any position or soil, require little or no protection and take care of themselves. If sown early they begin flowering in July, continuing a mass of bloom until frost; fine for cutting; 2 feet.

- 2503 **Kermesina Splendens.** Centre rich crimson, narrow canary-yellow border..... 15
- 2502 **Grandiflora Compacta.** A compact variety, forming bushy plants 12 to 15 inches high, and bearing its long-stemmed flowers well above the foliage. In coloring the flowers are as rich and varied as those of the tall-growing sort. ½ oz., 50 cts..... 15
- 2505 **Grandiflora Copper-red.** A striking new color in this popular perennial. 3 pkts., 50 cts..... 20
- 2510 **Grandiflora Superb Mixed.** Our own saving; splendid combinations of crimson and gold in great variety. ½ oz., 30 cts..... 10

GERANIUM (Pelargonium)

- 2530 **Zonale, Mixed.** A superb strain of the largest and finest varieties. Very interesting to grow from seed, which should be started indoors and transferred to the open in May or June..... 15



GLOBE AMARANTH



GODETIA

GLOXINIA

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrives best in an equal mixture of peat, loam and sand. Sow in March.

PER PKT.

- 2578 **Hybrida Grandiflora.**
An unsurpassed strain, containing the spotted hybrids as well as the finest self-colored sorts 50

GOLDEN ROD

(Solidago Canadensis)

- 2601 The well-known golden-yellow favorite; hardy perennial; 2 to 5 feet 10

GREVILLEA

(Silk Oak)

- 2681 **Robusta.** A very beautiful and graceful decorative plant with fern-like foliage; excellent for table decoration; easily raised from seed, producing good-sized plants in a short time; hardy in Florida and California, where it is popular as an ornamental tree..... 10



GREVILLEA ROBUSTA

GODETIA

Attractive, hardy annuals, deserving more extensive cultivation. The plants bloom profusely, and bear showy flowers of satiny texture in many rich and varied colors. They do best in a rather poor soil; 1 foot. (See cut.)

- | | PER PKT. |
|---|----------|
| 2585 Brilliant. Glowing carmine-rose; very bright and satiny.
1/4 oz., 30 cts..... | 10 |
| 2586 Duchess of Albany. Pure white, of compact growth.
1/4 oz., 30 cts..... | 10 |
| 2587 Gloriosa. Large, satiny, brilliant blood-red flowers; richest color of all. 1/4 oz., 30 cts..... | 10 |
| 2588 Rosamond. A new sort, of dwarf habit and large, glossy shell-pink flowers; makes a beautiful border. 1/4 oz., 30 cts..... | 10 |
| 2590 Mixed. All colors. 1/4 oz., 20 cts..... | 5 |

ORNAMENTAL GOURDS

Rapid growing, interesting annual climbers, with ornamental foliage and singular shaped fruit; 15 to 20 feet. Our illustration shows the 12 kinds offered below:

- | | |
|---|----|
| 2606 African Pipe. The stem ends of the fruits are much used in making pipes. No. 8. Per oz., 30 cts..... | 5 |
| 2607 Apple-shaped. No. 1. Per oz., 30 cts..... | 5 |
| 2611 Bottle-shaped. No. 10. Per oz., 30 cts..... | 5 |
| 2612 Dipper, or Calabash. No. 7. Per oz., 30 cts..... | 5 |
| 2613 Egg-shaped. Fruit white like an egg. No. 4. Per oz., 30 cts..... | 5 |
| 2614 Hercules' Club. Club-shaped; 4 feet long. No. 12. Per oz., 30 cts..... | 5 |
| 2615 Luffa (Dish-rag, Sponge or Bonnet Gourd). No. 9. Per oz., 30 cts..... | 5 |
| 2616 Orange-shaped (Mock Orange). No. 3. Per oz., 30 cts..... | 5 |
| 2617 Pear-shaped. Striped; very showy. No. 2. Per oz., 30 cts..... | 5 |
| 2619 Spoon. A very odd variety. No. 5..... | 10 |
| 2621 Knob Kerrie. A very ornamental variety, bearing fruit having a slender stem 3 to 5 feet long, with a round knob or ball on the end. No. 6. Per oz., 30 cts..... | 5 |
| 2622 Turk's Turban. Red striped. No. 11. Per oz., 30 cts..... | 5 |
| 2629 Collection of the above 12 varieties, 50 cts. | |
| 2630 Mixed Varieties. All kinds. Per oz., 25 cts..... | 5 |



ORNAMENTAL GOURDS

Do not fail to have some Verbenas in your garden this year. See page 53.

ORNAMENTAL GRASSES

The ornamental Grasses serve the double purpose of rendering the mixed flower-bed or border attractive during the summer and for the use of the spikes or panicles in a dried state in winter bouquets. For large beds or groups on lawns nothing gives a finer effect, and they are now largely used in prominent positions in many of the finest public parks, etc. The following are the most popular varieties:

- PER PKT.
- 2638 **Agrostis Nebulosa** (*Cloud Grass*). An airy and graceful annual Grass, grows 18 inches high and looks like a line of mist when in bloom. Beautiful to mix with cut flowers. 10
- 2641 **Briza Maxima** (*Quaking Grass*). In great demand for grass bouquets 5
- 2644 **Coix Lachrymae** (*Job's Tears*). Broad, corn-like leaves and hard, shining pearly seeds; annual. Per oz., 20 cts. 5
- 2647 **Eulalia Zebrina** (*Zebra Grass*). Light green, barred with creamy white. Variegation runs across foliage. 10
- 2648 — **Variegata**. Long, narrow, green leaves, striped with white; fine feathery plumes; very ornamental. 10
- 2651 **Gynerium Argenteum** (*Pumpas Grass*). White silvery plumes; perennial; blooms the second season 10
- 2654 **Pennisetum Longistylum**. Extremely graceful greenish-white plumes; excellent for beds; annual; 2 feet. $\frac{1}{4}$ oz., 30 cts. 10
- 2655 — **Rueppelianum** (*Purple Fountain Grass*). Graceful green foliage and purplish plumes, unequalled as an edging to a bed of Cannas or other tall plants; annual; 3 feet. (See cut.) Per $\frac{1}{4}$ oz., 30 cts. 10
- 2656 — **Japonicum**. A new hardy variety, and one of the most valuable for beds or specimens. Easily grown from seed, making nice plants the first year. 10
- 2661 **Uniola Latifolia** (*Spike Grass*). A pretty native perennial variety, with very ornamental graceful drooping panicles; 3 to 4 feet. . . 10
- 2669 **Collection of Grasses**. 10 varieties, noted above. 60



ORNAMENTAL GRASS PENNISETUM RUEPPELIANUM

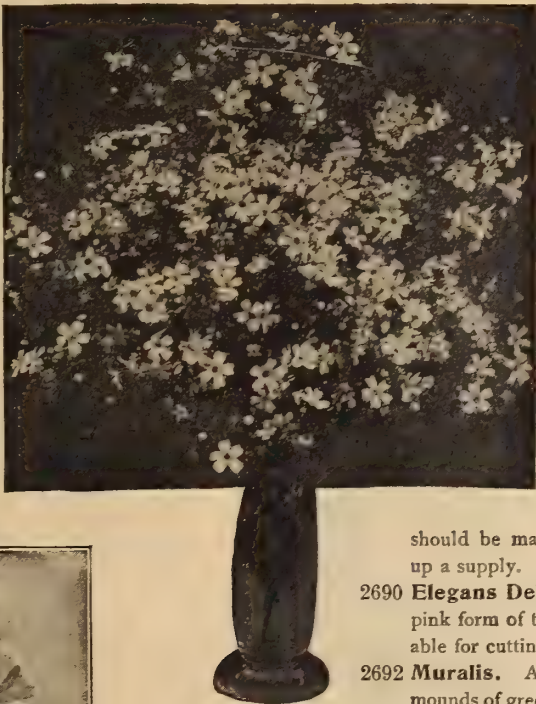
GYPSOPHILA

(*Baby's Breath*)

Pretty free-flowering elegant plants, succeeding in any garden soil. Their misty white panicles of bloom are largely used for mixing with other cut flowers.

PER PKT.

- 2691 **Elegans alba grandiflora**. This is an improved large-flowering pure white form of the annual Baby's Breath, of free easy growth, and grown by the acre in the suburbs of Paris and London for use with other cutflowers. Several sowings



GYPSOPHILA ELEGANS ALBA GRANDIFLORA

- should be made during the season to keep up a supply. (See cut.) Per oz., 25 cts. . . 5
- 2690 **Elegans Delicate Pink**. A pretty blush pink form of the above and equally as valuable for cutting. Per oz., 30 cts. 5
- 2692 **Muralis**. An annual sort which forms mounds of green 8 to 10 inches high, thickly studded with little pink flowers from early in the season till frost; fine for edging. Per $\frac{1}{4}$ oz., 25 cts. 5
- 2694 **Paniculata**. White flowers, fine for bouquets; one of the favorite hardy perennials; blooms first year if sown early; 2 feet. $\frac{1}{4}$ oz., 25 cts. 5
- 2695 **Paniculata Fl. Pl.** The new double-flowering Baby's Breath, and one of the finest hardy plants either for cutting or the hardy border. 3 pkts. for 50 cts. 20



HELENIUM

HELENIUM (*Sneeze Wort*)

Strong-growing hardy perennials, succeeding in any soil, and useful in the hardy border, giving an enormous crop of flowers in late summer.

- 2711 **Autumnale Superbum**. Golden-yellow flowers; 5 to 6 feet. . . . 10
- 2713 **Riverton Gem**. Flowers opening old gold, changing as they mature to wallflower red; 3 feet. 2 pkt., 25 cts. 15

HELIANTHUS (Sunflower)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens.

SINGLE ANNUAL SUNFLOWERS

The single Sunflowers are indispensable for cutting. Sown on a sunny spot in April or May they come into bloom early in summer, and keep up a constant supply of flowers until cut down by frost.

PER PKT.

- 2696 **Cucumerifolius** (*Miniature Sunflower*). Small, single, rich yellow flowers. An abundant bloomer; 4 feet. $\frac{1}{4}$ oz., 20 cts. 5
- 2697 — **Orion**, Artistic and effective new variety of "Stella." The petals are twisted like a Cactus Dahlia. $\frac{1}{4}$ oz., 25 cts. 10
- 2698 — **Perkeo**. A charming dwarf variety of the Miniature Sunflower. The plants form compact bushes about 12 inches high by 14 inches through. There are many positions, such as the front of borders or beds or plants of medium height, where this can be used to good advantage, flowering, as it does, from the end of June until cut down by hard frost. $\frac{1}{4}$ oz., 25 cts. 10
- 2699 — **Stella** (*Improved Miniature Sunflower*). Differs from the type by its larger and better formed flowers of the purest golden yellow, with black disc. $\frac{1}{4}$ oz., 20 cts. 5
- 2700 — **New Miniature Mixed**. A multitude of new varieties have been raised from the popular Miniature Sunflower, which we offer in mixture. They all differ from the parent, most of them being larger, and many with curiously twisted petals. The prevailing colors are pale yellow, golden yellow and creamy white, some with black centres, and all beautiful; for cutting they are indispensable. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10



HELICHRYSUM (Straw Flower)

Double Annual Sunflowers

PER PKT.

- 2705 **Cucumerifolius Fl. Pl.** The double-flowering form of the popular Miniature Sunflower. The flowers, while double, are quite free and graceful; of a bright golden yellow. 10
- 2703 **Chrysanthemum-flowered**. Rich golden-yellow flowers, perfectly double, resembling a Chrysanthemum or Dahlia; 7 feet. Per oz., 30 cts. 5
- 2706 **Nanus Fl. Pl.** (*Globe of Gold*). Dwarf, double yellow flowers; 4 feet. Per oz., 30 cts. 5
- 2704 **Globosus Fistulosus** (*Globe or Dahlia Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz., 30 cts. 5

HELICHRYSUM (Straw Flower)

Monstrosum Fl. Pl. One of the best of "Everlastings." Exceedingly effective double flowers in rich colors, making a fine display in beds or borders, but especially grown to dry and use in baskets and vases through the winter; when wanted for this purpose they should be cut with as long stems as possible and when the blooms are about one-third open, take off all foliage, tie in bunches and hang head downwards in some dark, dry place until cured; they succeed in any good garden soil; give them plenty of room to develop, planting not closer than 12 inches apart; hardy annuals; 2½ feet. We offer the following choice colors:

- 2721 **Crimson**. Very rich. 10
- 2722 **Fireball**. Bright red. 10
- 2723 **Goldenball**. Golden yellow. 10
- 2724 **Rose Carmine**. Rich and glossy. 10
- 2725 **Silverball**. Glistening white. 10
- 2726 **Violet**. Very rich color. 10
- 2720 **Mixed**. All colors. $\frac{1}{4}$ oz., 25 cts. 5
- 2719 **Collection**. A packet each of the 6 colors. 50



NEW MINIATURE SUNFLOWERS

HIBISCUS (Marshmallow)

Showy oramental perennial plants for mixed beds or shrubbery borders, having large-sized beautifully colored flowers.

- | | |
|---|----------|
| | PER PKT. |
| 2774 Moscheutos. Rosy-pink flowers..... | 10 |
| 2772 Crimson Eye. Flowers of the largest size, pure white, with a large spot of velvety-crimson in the centre | 10 |
| 2773 Giant Yellow, or Golden-Bowl. Flowers from 6 to 9 inches diameter; of a rich deep cream, with a velvety-maroon centre. | 10 |
| 2775 New Giant. A wonderfully improved form of our native marshmal- low in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. The colorings comprise rich dark red, soft mallow-pink and pure white; the plants grow from 5 to 8 feet high and are very floriferous, blooming from early in July until late in autumn; and are perfectly hardy. The seed we offer has been saved from our own plants, and if sown early will produce plants that will flower the first year, Per $\frac{1}{4}$ oz., 30 cts. | 10 |

HOLLYHOCK

One of the most majestic of hardy plants, and a clump or line in any gar- den gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers, it is without equal. Seed sown any time before midsummer will produce fine plants for flowering next year.

DOUBLE VARIETIES

The seed offered under this head has been saved from the finest double flowers only and is sure to produce satisfactory results.

- | | | | | | |
|--|--------------------------------|----------------|-------------------------------|-----------------------|----------|
| | PER $\frac{1}{4}$ OZ. | PER PKT. | | PER $\frac{1}{4}$ OZ. | PER PKT. |
| 2782 Maroon | .40 | 10 | 2785 Salmon-rose | .40 | 10 |
| 2783 Bright Rose | .40 | 10 | 2786 White | .40 | 10 |
| 2784 Bright Red | .40 | 10 | 2787 Yellow | .40 | 10 |
| 2790 Extra Choice Double Mixed. | 30 cts. per $\frac{1}{4}$ oz.; | \$1.00 per oz. | | | 10 |
| 2788 Collection of a packet each of the above 6 colors..... | | | | | 50 |
| 2781 "Allegheny." Mammoth flowers, wonderfully formed of loosely arranged fringed petals which look as if made from the finest China silk. The colors vary from the palest shrimp-pink to deep red. The plants are of strong growth, sending up spikes 6 to 7 feet high. 30 cts. per $\frac{1}{4}$ oz.; | \$1.00 per oz. | | | | 10 |
| 2791 Newport Pink. One of our own introductions and awarded a Certificate of Merit by the Royal Horticultural Society of England, an unusual honor. It is the finest pure pink, double variety, ex- quisite in shade, flowers very double. Per $\frac{1}{4}$ oz., 50 cts. | | | | | 15 |

SINGLE VARIETIES

Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We offer the following distinct colors, also mix- ed, viz.:

- | | | | |
|---|----------|--------------------------|----------|
| | PER PKT. | | PER PKT. |
| 2793 Black Maroon | 15 | 2796 Red | 15 |
| 2794 Mauve | 15 | 2797 White | 15 |
| 2795 Pink | 15 | 2798 Yellow | 15 |
| 2800 Mixed. All colors. $\frac{1}{4}$ oz., 30 cts. | | | 10 |
| 2799 Collection of a packet each of the six colors | | | 75 |

DOUBLE HOLLYHOCK

HELIOPSIS (Orange Sunflower.)

- | | |
|--|----------|
| | PER PKT. |
| 2781 Pitcheriana. A desirable hardy herbaceous plant, grow- ing from 3 to 4 feet high, beginning to flower early in the season, and continuing the entire summer. The flowers are of a beautiful deep golden-yellow color about 2 inches in diameter; of very thick texture and very graceful for cutting | 10 |
| 2782 Scabra Zinniaeflora. A new double flowering form bearing golden-yellow Zinnia-like flowers. In addition to being a very showy plant in the hardy border, it is one of the best perennial plants for cutting. 2 pkts., 25 cts. | 15 |

HELIOTROPE (Cherry Pie)

A half-hardy perennial, flowering during the whole season; its de- lightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained asa greenhouse climber. Seedstart- ed indoors in the spring will make fine plants for summer blooming. Can also be sown outdoors in May.

- | | |
|---|----|
| 2737 Lemoine's Giant. Of robust growth and produces very large heads of flowers; mixed colors, $\frac{1}{4}$ oz., 50 cts | 15 |
| 2736 Regal. A new variety with immense flower heads of the Giant type, but of dwarf, compact growth; all shades... | 25 |
| 2740 Mixed. All colors of the regular type. $\frac{1}{4}$ oz., 40 cts... | 10 |
| 2738 Collection of 6 sorts..... | 50 |



HELIOTROPE, LRMOINE'S GIANT



HUNNEMANNIA

HONESTY (Moonwort, Satin Flower)PER
PKT.

- 2801 Hardy biennials, admired for their silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance; 2 feet. $\frac{1}{4}$ oz., 25 cts. 5

HUMULUS (Japanese Hop)

- 2811 **Japonicus**. A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual. $\frac{1}{4}$ oz., 25 cts. 5
- 2812 — **Variegatus**. A variegated variety of the above. The leaves are beautifully marbled and splashed with silvery-white, light and dark green; very effective for screens, arbors, trellises, etc. As with the green-leaved variety, it is never injured by insects nor affected by the heat, but retains its bright variegated foliage until frost. $\frac{1}{4}$ oz., 30 cts. 10

HUNNEMANNIA

(Giant Yellow Tulip Poppy, or Bush Eschscholtzia)

- 2821 **Fumariæfolia**. This is by far the best of the poppy family for cutting, remaining in good condition for several days. Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup-yellow poppy-like blossoms, and never out of flower until hard frost. The plants grow about 2 feet high, are quite bushy, with beautiful feathery glaucous foliage. $\frac{1}{4}$ oz., 25 cts. 10

IBERIS (Hardy Candytuft)

- 2824 **Gibraltarica Hybrida**. White shading to lilac... 10
- 2825 **Sempervirens**. A profuse white-blooming, hardy perennial, coming in flower early in the spring; much used for cemeteries, rockeries, etc.; 1 foot. 15

IRIS (Flowering Flag)

- 2890 **Kämpferi** (*Japanese Iris*). The seeds we offer have been saved from our own unrivalled collection, and should produce only varieties of the highest merit. Blooms the second year from seed. $\frac{1}{4}$ oz., 25 cts. 10

IMPATIENS (Sultan's or Zanzibar Balsam)

Charming plants for the decoration of the greenhouse or dinner table, producing bright, waxy-looking flowers profusely and almost continuously. The young seedlings should be carefully handled, as they are exceedingly brittle at the outset.

PER PKT.

- 2842 **Sultani**. Flowers of brilliant rosy-scarlet color. 25
- 2845 **Holstii Hybrids**. Forms strong bushy plants, about 2 feet high, covered with attractive flowers; when grown as pot plants, they bloom the year round. Choice mixed, all colors 25

IPOMEEA

Climbers of rapid growth, with beautiful and varied flowers; for covering walls, trellises, arbors, or stumps of trees they are invaluable; it is well to soak the seed in warm water over night to assist in rapid germination.

- 2853 **Grandiflora** (*Moon Flower*). At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, 5 to 6 inches in diameter. It grows very rapidly and will cover a large surface. Per oz., 50 cts. 10
- 2158 **Quamoclit Hybrida** (*The Cardinal Climber*). See Novelties and Specialties, pages 52 to 62. 2 pkts., 25 cts. 15
- 2854 **Rubra Cœrulea** (*Heavenly Blue*). Immense flowers of bright sky-blue; very beautiful. 2 pkts., 25 cts. 15
- 2855 **Setosa** (*Brazilian Morning Glory*). Flowers of pleasing rose color, borne very freely in large clusters. As a quick-growing vine it has no equal, covering an enormous space in a short time. Per oz., 30 cts. 10

Imperial Japanese, or Emperor Morning Glories

These are beyond question the handsomest of all Morning Glories. Of the easiest culture, can be sown in the open ground in a sunny situation when the weather has become warm and settled; they soon cover a large area, and even before flowering are decidedly interesting on account of the varied forms of the foliage and their markings. The flowers are of gigantic size and their colorings beyond description; the self or solid colors range from snow-white to black-purple, with all the possible intermediate shades; there is also an endless number having flowers spotted, marbled, striped, flaked, splashed, etc.

- 2880 **Mixed Imperial Japanese**. Saved from a grand collection, which we feel sure will produce results more than equaling our description of this wonderful plant. Oz., 30 cts. 5



IMPERIAL JAPANESE IPOMOEAS

KOCHIA (Standing Cypress, or Belvedere)

2911 **Trichophylla**. An easily grown annual, which, sown thinly in spring, soon forms a cypress-like hedge of the most lively green and of perfect symmetry; by mid-summer it attains a height of about 3 feet, and late in the autumn the whole plant becomes a deep red; a splendid plant to divide the vegetable from the flower garden, or for forming a hedge for the summer for any purpose. (See cut.) 1/4 oz., 25 cts. 5

LANTANA

2920 One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads of orange, white, rose and other colored flowers; 2 to 3 feet. Mixed colors. 1/4 oz., 25 cts. 10

LATHYRUS (Everlasting, or Hardy Sweet Pea)

Showy, free-flowering hardy perennial climbers for covering old stumps, fences, etc., continually in bloom; fine for cutting.
2954 **Latifolius "White Pearl"** The finest white variety. 15
2955 — **Pink Beauty**. Rosy pink. 10
2960 — **Mixed**. All colors. Per oz., 40 cts. 10

LAVATERA (Annual Mallow)

2976 **Trimestris Grandiflora Rosea**. A very beautiful and showy annual, growing about 2 feet high and covered during the entire summer with large cup-shaped shrimp-pink flowers; in a border or bed the effect is very bright. Sow in May where they are to bloom and thin out to 12 inches apart. 1/4 oz., 25 cts. 10



A LINE OF KOCHIA TRICHOPHYLLA



DOUBLE STOCK-FLOWERED LARKSPUR

ANNUAL LARKSPURS

This is one of the best known of garden flowers, and in recent years a vast improvement has been effected by careful selection in size and color of the blossoms and the general habit of the plant. Seeds sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost, a record that is not surpassed by any other annual. They make handsome beds or lines, and their free, graceful habit and bright colors are very effective when interspersed in the old-fashioned flower or shrubby border. They stand well when cut, and a vase of one or mixed colors is indeed charming.

Double Stock-flowered. The finest variety with splendid spikes of beautiful double flowers. 2 1/2 to 3 feet. (See cut.)

PER PKT.		PER PKT.	
2931	Dark Blue..... 10	2934	Shell Pink..... 10
2932	Lilac..... 10	2935	Sky Blue..... 10
2933	Lustrous Carmine or Newport Pink..... 10	2937	Pure White..... 10
2940	Finest Mixed. All colors. 1/4 oz., 20 cts.; oz., 60 cts..... 10		
2938	Collection. A packet each of the above 6 colors..... 50		
2930	Dwarf Rocket. Fine double mixed. 18 inches. Oz., 30 cts... 5		

LAVENDER (Lavandula Vera)

2971 Well-known, sweet-scented, hardy perennials, should be extensively grown in the mixed border; 3 feet. 1/4 oz., 25 cts. 10

LIATRIS (Blazing Star, or Gay Feather)

2982 Most showy and attractive hardy perennial native plants, with long spikes of purple and rosy purple flowers from July to September; 2 to 4 feet. Mixed varieties. 10

LINUM (Flax)

3002 **Grandiflorum Rubrum (Scarlet Flax.)** One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems, with brilliant scarlet-crimson flowers; hardy annual; 1 ft. Oz., 30 cts. 5
3003 **Perenne**. Bright blue flowers, hardy; 18 inches. 1/4 oz., 25 cts. 10

LINARIA

PER PKT.

- 2991 **Cymbalaria** (*Kenilworth Ivy, or Mother of Thousands*). Lavender and purple. A charming, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock work. 15

LOBELIA

The following choice varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November. *Cardinalis* is one of the finest native hardy perennials.

- 3012 **Crystal Palace Compacta**. Rich deep blue; dark foliage; the finest dark blue for bedding. Per $\frac{1}{2}$ oz., 50 cts. . . . 10
 3013 **Blue Emperor**. A very compact variety; sky-blue flowers. 10
 3016 **White Gem**. Forms a perfect ball of snow-white flowers. 10
 3022 **Giracilis**. Light blue; light green foliage; trailing. 10
 3023 **Speciosa**. Ultramarine blue; dark leaved; trailing. 10
 3024 **Tenuior**. Of upright habit; about 15 inches high, with very large flowers of rich cobalt blue with white eye. Splendid for pots or bedding. 15
 3020 **Mixed Compacta Varieties**. All colors. Per $\frac{1}{2}$ oz., 40 cts. 10
 3031 **Cardinalis** (*Cardinal Flower*). A native variety, with spikes of brilliant scarlet flowers; fine hardy border plant; 3 feet. 15

LYCHNIS

(Rose Campion, Jerusalem Cross)

Handsome hardy perennial plants of easy culture, for massing in beds and borders; blooming the first year if sown early.

- 3061 **Chalcedonica**. Fine scarlet flowers; 2 feet. $\frac{1}{2}$ oz., 25 cts. 5
 3062 **Haageana**. Brilliant orange, scarlet, crimson, etc., in mixture; 1 foot 15



LOBELIA CRYSTAL PALACE COMPACTA



MATRICARIA



LUPINUS (Lupine)

LUPINUS (Lupine)

Annual Sorts. Free flowering, easily-grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade; 2 feet.

PER PKT.

- 3044 **Rich Blue**. Per oz., 40 cts. 10
 3045 **Sky Blue**. Per oz., 40 cts. 10
 3046 **Rose**. Per oz., 40 cts. . . 10
 3047 **White**. Per oz., 40 cts. . 10
 A packet each of the 4 colors, 30 cts.

- 3050 **Annual Mixed**. All colors. Per oz., 25 cts. 5

Polyphyllus Sorts. Effective hardy perennials, succeeding in any good garden soil; blooms in May and June; 3 feet. We offer as under:

- 3052 **Rose**. 10

- 3053 **White**. 10

- 3054 **Blue**. 10

- 3055 **Moerheimi**. Rose and pink. 15

A packet each of the 4 colors, 35 cts.

- 3058 **Mixed**. All colors. Oz., 30 cts. 5

MARVEL OF PERU, OR FOUR O'CLOCKS

(Mirabilis Jalapa)

- 3110 A well-known, handsome, free-flowering garden favorite; does well everywhere; give each plant 12 to 18 inches of room. Fine mixed colors; 2 feet. Oz., 20 cts. 5

MATRICARIA

- 3121 **Capensis Alba Plena** (*Double White Feverfew*). Free-flowering plants, producing all season fine double white flowers. A fine bedding or pot plant; 18 inches. 10

MATTHIOLA

- 3125 **Bicornis** (*Evening Scented Stock*). This old-fashioned annual has no beauty to recommend it, the flowers being a dull purplish-lilac, but it is well worth growing for the entrancing fragrance which it emits during the evening. $\frac{1}{2}$ oz., 25 cts. 5



GOLIATH MIGNONETTE

MAURANDIA

- 3130 **Barclayana**. Beautiful, rapid, slender-growing climbers, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house, take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 feet; mixed colors, including purple, blue, white and rose 10

MESEMBRYANTHEMUM

- 2831 **Crystallinum** (*Ice Plant*). Dwarf-trailing annual plants. Flowers white, prized for its singular icy foliage 5

MIMOSA (*Sensitive or Humble Plant*)

- 3181 **Pudica**. Curious and interesting annuals, with pinkish-white flowers; the leaves close and droop when touched or shaken; 1½ feet 5

MIMULUS

Showy, profuse flowering plants; fine for greenhouse or moist shady situations; half-hardy perennials, blooming the first year from seed if sown early; 1 foot.

- 3191 **Moschatus** (*Musk Plant*). Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage 15
3192 **Tigrinus** (*Monkey Flower*). Fine mixed spotted varieties 10

MOMORDICA

Very curious climbing vine, with ornamental foliage, fruit golden-yellow, warted, and when ripe opens, showing the seed and its brilliant carmine interior; fine for trellises, rockwork, stumps, etc.; annuals; 10 feet.

- 3211 **Balsamina** (*Balsam Apple*). Round, apple-shaped fruit with very fine glossy green foliage. This is the prettiest climber of the two 5
3212 **Charantia** (*Balsam Pear*). Pear-shaped fruit; foliage heavier than the above; the fruits of this variety are used medicinally 5

MIGNONETTE (*Reseda*)

A well-known fragrant favorite, and no garden is complete without a bed of Mignonette; sowings made in April and again in July will keep up a succession from early summer until frost; can also be grown in pots for winter and early spring flowering.

PER PKT.

- 3152 **Defiance**. When grown under favorable conditions spikes will not only be of remarkable size—from 12 to 15 inches long—but deliciously fragrant. The individual florets are of immense size, forming a graceful as well as compact spike. Of extraordinary keeping qualities, retaining their grace and fragrance until every bud opens. ¼ oz., 25 cts. 10
3153 **Golden Machet**. Distinct variety of Machet, with massive spikes of golden-yellow blossoms. ¼ oz., 25 cts. 10
3154 **Goliath**. Of strong, yet compact habit, with rich green foliage; the giant trusses of flowers being borne on erect, strong, stiff stalks and surpassing all others in brilliancy of color; especially suited for house culture. (See cut.) ¼ oz., 50 cts. 15
3157 **Large-flowering Pyramidal**. Flowers large, of a reddish tint. A good variety for the open ground. ¼ oz., 20 cts. 5
3158 **Machet**. Of dwarf pyramidal growth, bearing numerous flower stalks, highly colored and very fragrant; one of the best. ¼ oz., 25 cts. 10
3161 **Parson's White**. Large spikes, pure white, very fragrant. ¼ oz., 20 cts. 5
3162 **Salmon Queen**. Strong, robust habit, with fine spikes of bright salmon-red flowers, intensely fragrant; fine for outdoor culture. ¼ oz., 25 cts. 10
3163 **Sweet-scented** (*Reseda Odorata*). The old variety with small spikes, but very sweetly scented. Per oz., 20 cts. 5
3169 **Collection** of above 8 varieties of Mignonette 50

MINA

- 3202 **Sanguinea**. A beautiful and rapid-growing climber, producing innumerable brilliant blood-red flowers. ¼ oz., 15 cts. 5

MYOSOTIS (*Forget-me-not*)

Offered and described on page 98

MOMORDICA CHARANTIA (*Balsam Pear*)

DREER'S SUPERB NASTURTiums

For ease of culture, duration of bloom, brilliancy of coloring and general excellence, nothing excels Nasturtiums. All they need is a moderately good soil in a well-drained, sunny position, and from within a few weeks from the time they are sown until hard frost comes there is an endless profusion of their gorgeous blossoms. The varieties offered below were selected, after exhaustive trials, from a very large number of sorts as being the best and most distinct:

TOM THUMB, DWARF OR BEDDING VARIETIES

- | | |
|---|--|
| 3336 Chameleon. Various colors on one plant. | 3353 Pearl. Creamy white. |
| 3338 Crystal Palace Gem. Yellow, maroon blotches. | 3354 Prince Henry. Cream, spotted and tipped red. |
| 3341 Empress of India. Fiery crimson, dark foliage. | 3355 Regelianum. Deep, purplish-crimson. |
| 3343 Golden King. Rich golden yellow. | 3361 Rose. Soft carmine rose. |
| 3346 King Theodore. Deep crimson maroon, dark foliage. | 3365 Spotted. Golden yellow, spotted garnet. |
| 3347 King of Tom Thumbs. Dark-scarlet, dark leaves. | 3367 Vesuvius. Salmony rose, dark foliage. |
- Price.** Any of the above Dwarf sorts, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.
- 3379 **Dreer's Collection** of a liberal packet each of the 12 above dwarf varieties. 50 cts.
- 3369 **Dreer's Collection** of 1 oz. each of the 12 above dwarf varieties. \$1.50.
- 3370 **Finest Mixed.** Tom Thumb varieties. Per pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

TALL OR CLIMBING VARIETIES

(*Tropaeolum Majus*)

Elegant and luxuriant climbers for verandas, trellises, etc. May be used to cover unsightly railings and to trail over rough ground with fine effect. The seedpods can be gathered while green and tender for pickling; 6 to 10 feet.

- 3281 **Chameleon.** Different richly colored flowers on the same plant.
- 3287 **King Theodore.** Deep crimson maroon; dark foliage.
- 3294 **Orange.** Pure orange; no markings.
- 3296 **Pearl.** Creamy white.
- 3297 **Prince Henry.** Cream, spotted and tipped scarlet.
- 3298 **Purple.** Rich shade of purplish-crimson.
- 3301 **Rose.** A lovely shade of ruby rose.
- 3303 **Scarlet.** Glowing vermilion.
- 3302 **Schulzi.** Rich deep scarlet.
- 3304 **Scheuermannii.** Yellow, spotted and marbled brownish-red.
- 3307 **Vesuvius.** Salmony rose; an exquisite shade.
- 3306 **Spotted.** Rich yellow, spotted garnet.

Price. Any of the above Tall sorts, 5 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.

- 3329 **Dreer's Collection** of a packet each of 12 above climbing sorts, 50 cts.
- 3319 **Dreer's Collection** of 1 ounce each of 12 above climbing sorts, \$1.50.
- 3320 **Finest Mixed.** Tall or climbing varieties. Per pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Lobb's Climbing Nasturtiums

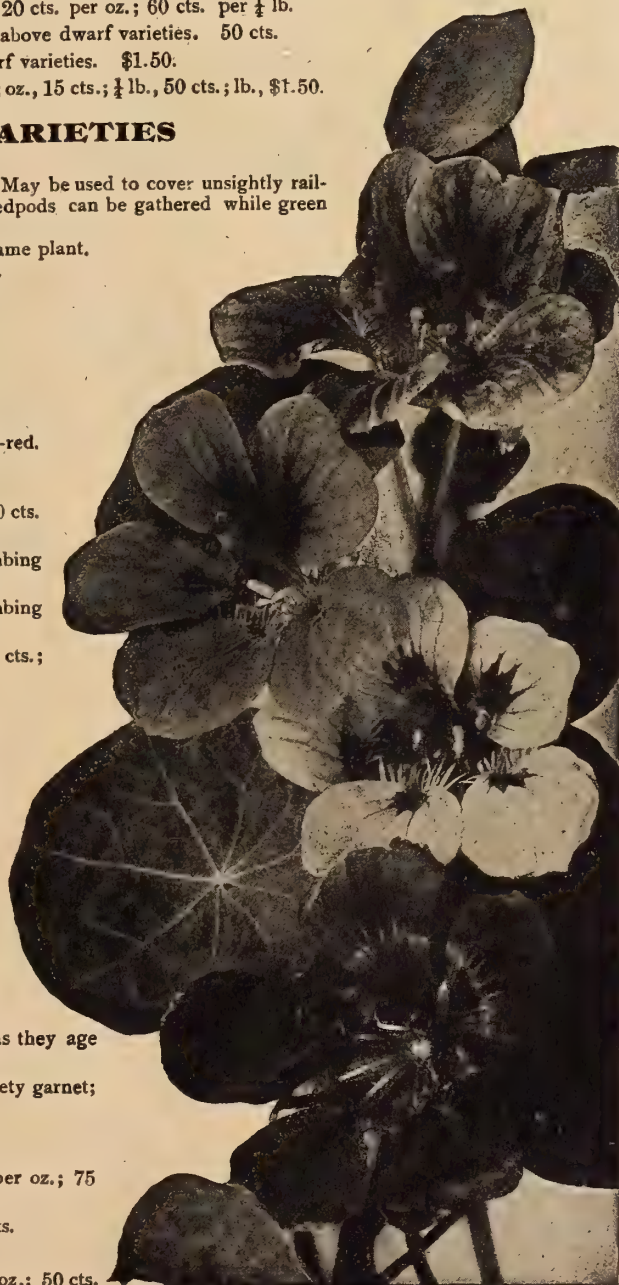
(*Tropaeolum Lobbianum*)

There is little difference between these and the tall Nasturtiums. They are especially rich in the red shades, flower even freer, grow to the same height and are very desirable.

- 3241 **Asa Gray.** Pale primrose yellow, almost white.
- 3243 **Black Prince.** Velvety purplish-crimson, dark foliage.
- 3244 **Brilliant.** Geranium scarlet. Fine.
- 3246 **Cardinal.** Intense deep scarlet, dark foliage.
- 3247 **Crown Prince.** Deep ruby-garnet.
- 3251 **Giant of Battles.** Sulphur-yellow, blotched red.
- 3252 **Golden Queen.** Pure golden-orange.
- 3253 **Princess Victoria.** Creamy white, with fine, conspicuous ruby-rose blotches.
- 3254 **Regina.** Brilliant salmon-red on opening, changing as they age to almost a cream color.
- 3255 **Roi des Noirs (King of the Blacks).** Deep velvety garnet; very rich, dark foliage.
- 3256 **Rose Queen.** Fine carmine rose.
- 3257 **Spittfire.** Brilliant orange-vermilion.

Price. Any of the above, 5 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.

- 3259 **Collection** of a packet each of above 12 varieties, 50 cts.
- 3258 **Collection** of 1 oz. each of above 12 varieties, \$2.00.
- 3260 **Finest Mixed.** Lobb's. 5 cts. per pkt.; 15 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.; \$1.50 per lb.



DREER'S SUPERB NASTURTiums



NICOTIANA AFFINIS

MYOSOTIS (Forget-Me-Not)

Few spring flowers are more admired than the lovely Forget-Me-Nots, which are especially effective when grown in masses. Perennials and hardy if given slight protection through the winter. Seed may be sown any time from spring till mid-summer. The Alpestris varieties and Dissitiflora come into bloom in April, and are largely used for bedding or borders in connection with spring-flowering bulbs, Pansies, etc. The Palustris sorts do not bloom till May, but continue till fall.

PER PKT.

- 3231 **Alpestris Royal Blue.** Rich indigo-blue flowers. The finest and most effective dark blue variety; 9 inches. $\frac{1}{4}$ oz., 40 cts. 10
- 3233 — **Robusta Grandiflora.** Of strong, sturdy growth, about 10 inches high, with good heads of clear Forget-Me-Not blue flowers. $\frac{1}{4}$ oz., 40 cts. 10
- 3235 — **Victoria.** A favorite sort, with fine heads of large, clear, azure-blue flowers; plants bushy and compact; makes a fine edging or bed. $\frac{1}{4}$ oz., 50 cts. 10
- 3239 — **Mixed.** A mixture of blue, rose and white-flowered varieties. Per $\frac{1}{4}$ oz., 30 cts. 5
- 3236 **Dissitiflora.** Of dwarf, compact habit, with sprays of large, exquisite blue flowers, especially adapted for planting among spring-flowering bulbs 15
- 3238 **Palustris Semperflorens.** An everblooming variety, beginning to flower in May and continuing till autumn. Large, clear, blue flowers in pretty sprays. 25

NIGELLA (Love in a Mist, or Devil in the Bush)

- 3430 **Damascena.** A compact free-flowering plant, with finely cut foliage, curious looking flowers and seedpods; of easy culture, growing in any garden soil; hardy annuals; blue and white mixed; 1 foot. Oz., 30 cts. 5
- 3431 **Miss Jekyll.** A lovely variety with cornflower-blue blossoms, splendid for cutting. (See cut.) $\frac{1}{4}$ oz., 25 cts. 10

NEMESIA

PER PKT.

- 3401 **Dwarf Large-flowering Hybrids.** A very pretty annual, which does best in a cool position; the plants grow about a foot high, and the orchid-like flowers are very varied in color, including rose, yellow, blue, orange, etc. 2 pkts., 25 cts. 15

NICOTIANA

- 3411 **Affinis (Tuberose-flowered Tobacco).** Delightfully sweet-scented, pure white, tubular flowers, blooming continually; annuals; 2 to 3 feet. $\frac{1}{4}$ oz., 25 cts. 5
- 3414 **Sanderæ Hybrids.** A splendid type in a great variety of colors. 10
- 3413 **Sylvestris.** Plants of pyramidal growth; 4 feet high, with fine deep green foliage; pure white, fragrant, drooping flowers, borne in loose heads. A most effective plant either used in conjunction with other plants in beds or as single specimens 10

PENTSTEMON

(Beard Tongue)

Highly useful and attractive perennials, and much used in the hardy border.

- 3532 **Gloxinioides "Sensation."** As a bedding plant this takes rank with the Petunia, Phlox, etc., etc. It grows about 2 feet high, every branch being a spike of large, Gloxinia like flowers in a very wide range of bright colors, including rose, red, carmine, cherry, pink, lilac, purple, etc. Not quite hardy and best treated like Petunias, Verbenas, Salvia, etc. (See cut.) 2 pkts., 25 cts. 15

- 3540 **Mixed.** A great variety of kinds and colors... 10



PENTSTEMON GLOXINOIDES "SENSATION"



NIGELLA MISS JEKYL

PETUNIAS

For outdoor decoration, porch or window boxes few plants equal the Petunia in effectiveness. They commence flowering early and continue a sheet of bloom throughout the whole season until killed by frost; easily cultivated, only requiring a good soil and sunny position. It is best to sow them indoors and transplant to the open in May. The Single Bedding kinds can be sown out of doors in May. We have long been celebrated for our magnificent strains of both the single and double varieties, which we endeavor to improve each year by careful selection and hybridization.

NOTE.—It is well known that seed saved from the most carefully hybridized flowers produce but a small percentage of double flowers, the balance being single of unusually fine quality. The weaker seedlings should be carefully saved, as these invariably produce the finest double flowers. The same is true of the single sorts, the large, strong seedlings usually being weedy, while the, at first, weaker seedlings produce the very finest flowers, of best colorings.

LARGE-FLOWERING SINGLE PETUNIAS

PER PKT.

- 3580 **Dreer's Superb Large-flowering Fringed.** Our own saving from the finest flowers; of very large size and beautiful shape; deep-throated and of varied and brilliant colors, and beautifully fringed. (See cut.) 25
- 3576 **Giant of California.** Flowers very large, in great variety of colors and markings, with deep yellow throats 35
- 3577 **Ruffled Giant.** Flowers of extraordinary size and substance, and distinguished from the large-flowering fringed section by the deep fluting, giving it the appearance as if artificially ruffled. 35
- 3578 **Fringed Ruffled Giant.** This differs from the preceding in having, in addition to the ruffling, a very fine fringed edging, making a very handsome flower. 50



DREER'S SUPERB SINGLE-FRINGED PETUNIAS

LARGE-FLOWERING DOUBLE PETUNIAS

PER PKT.

- 3590 **Dreer's Superb Double-fringed.** Saved from our own unrivalled collection; will produce a large percentage of double flowers of the largest fringed varieties in bright colors and tints. (See cut.) Per 500 seeds, \$1.25 50
- 3587 **Double Large-flowering.** Beautiful varieties in mixture. This is grown for us by a European specialist. Per 500 seeds, \$1.00 25

SINGLE BEDDING PETUNIAS

- 3555 **Balcony Blue.** A splendid free-flowering type either for bedding or for window boxes, vases, hanging baskets, etc.; flowers average 3 inches across, of a rich velvety indigo blue 20
- 3556 **Balcony Rose.** Similar to the above, but with flowers of a brilliant rose-pink; very effective 20
- 3557 **Balcony White.** The pure white form of this splendid type. 20
- A packet each of the above 3 Balcony Petunias for 50 cts.
- 3561 **Dwarf Inimitable.** "Star Petunia," compact growing variety; flowers cherry-red with a white centre. $\frac{3}{8}$ oz., 50 cts. 15
- 3562 **Snowball.** A fine compact sort, producing its pure satiny-white flowers throughout the entire season. $\frac{3}{8}$ oz., 50 cts. 15
- 3563 **Pure White.** Desirable for cemetery beds or where large masses of white are wanted, grows 12 to 15 inches high. Where a more compact sort is wanted we recommend "Snowball." $\frac{3}{8}$ oz., 30 cts. 10
- 3564 **Howard's Star.** A beautiful free-flowering strain, color crimson-maroon with a clearly defined five-pointed star of blush-white. For bedding, baskets, vases, etc., this is exceptionally fine. $\frac{3}{8}$ oz., 50 cts. 15
- 3565 **Brilliant.** Beautiful and effective compact variety; flowers brilliant carmine-pink. $\frac{3}{8}$ oz., 75 cts. 15
- 3566 **Rosy Morn.** Soft carmine-pink with white throat; makes a very dainty and at the same time effective border. $\frac{3}{8}$ oz., 75 cts. 15
- 3567 **Striped and Blotched.** A good strain of the small-flowering type; beautifully striped and blotched flowers; fine for massing; $\frac{3}{8}$ oz., 50 cts. 10
- 3570 **Fine Mixed.** Good bright colors. $\frac{1}{4}$ oz., 40 cts. 5



PETUNIA ROSY MORN

PHLOX DRUMMONDI

The annual Phlox is a native of Texas, and is known as "Texan Pride." It occupies a first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants, which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger from frost is past, and in a few weeks they are a sheet of bloom, remaining so until frost. They may be used in a variety of ways, such as a carpet to beds of Roses, in boxes, vases, etc.; but it is when grown in masses, in beds or borders, that they show to best advantage.

PER PKT.

3600 Phlox Drummondii, Mixed Colors.

Flowers not so large as the grandiflora type offered below, but just as free-flowering and effective. $\frac{1}{4}$ oz., 30 cts.; oz., \$1.00 5

Select Large-Flowering Varieties

(Phlox Drummondii Grandiflora)

This is the finest type, having the largest heads of blooms, as well as the largest individual flowers; of strong, sturdy growth, attaining a height of about 15 inches.

	PER $\frac{1}{4}$ Oz.	PER PKT.
3601 Snow White.....	\$0 50	\$0 10
3602 Shell Pink.....	50	10
3603 Deep Rose.....	50	10
3604 Bright Scarlet.....	50	10
3605 Rich Crimson.....	50	10
3606 Primrose.....	50	10
3607 Soft Lilac.....	50	10
3619 Collection of a packet of each of the above 7 colors, 50		
3620 Choicest Mixed, Large-flowering. Contains		
all of the colors noted above as well as a great many		
others, and makes a very showy bed or border. $\frac{1}{4}$ oz.,		
40 cts.; oz., \$1.25.....		10



DREER'S SELECT LARGE-FLOWERING PHLOX DRUMMONDI

Large-Flowering Dwarf Phlox

A type combining the size of the individual flower and head of the finest Grandifloras, but of dwarf, compact growth, a perfect combination; and while they do not come in the large variety of colors found in the taller-growing type, the colors offered will be found very effective for beds, borders, etc.; 8 inches.

PER PKT.

3621 Brilliant Rose.....	15
3622 Fiery Scarlet.....	15
3623 Pure White.....	15
3630 Finest Mixed Colors. $\frac{1}{4}$ oz., 60 cts.....	15

STAR PHLOX (P. Cuspidata)

3640 Of dwarf habit, with very pretty star-shaped flowers. A novel variety; mixed colors. $\frac{1}{4}$ oz., 50 cts..... 10

HARDY PERENNIAL PHLOX (P. Decussata)

3641 Hardy herbaceous perennial and quite distinct from the varieties of Phlox Drummondii offered above, which are annuals. The seed we send out has been saved from our own unrivalled collection, and is supplied in mixture only. Per $\frac{1}{4}$ oz., 50 cts..... 10

PHYSALIS (Chinese Lantern Plant)

3646 Francheti. An ornamental plant, forming dense bushes about 2 feet high, producing freely its bright orange-scarlet lantern-like fruits; highly interesting..... 10

PHYSOSTEGIA (False Dragon Head)

3651 Virginica. One of the prettiest hardy perennials, and gaining in popularity as it becomes better known. It forms dense bushes, 3 to 4 feet high, bearing freely during the summer months spikes of delicate pink tubular flowers not unlike a gigantic heather. Per $\frac{1}{4}$ oz., 30 cts..... 10

3652 — Alba. A pretty white-flowered form of the above..... 10



PHYSOSTEGIA



POPPIES

Annual Poppies should be sown as early in the spring as possible where they are to remain, as they do not stand transplanting. Sow very thinly, preferably in cloudy weather or after a shower, barely cover the seed, press down firmly and they will come up in a few days. If they come up too thickly they must be thinned out to stand 3 to 4 inches or more apart if you wish best results. It is well to make several sowings at intervals to keep up a succession of bloom.

If picked just before expanding the flowers will last several days. It is also advisable to pick the old flowers as soon as fallen, which will lengthen the blooming season quite a while.

SINGLE ANNUAL POPPIES

PER PKT.

3696 Dreer's Select Shirley. This is an extra fine strain of these charming Poppies. They are single and occasionally semi-double, and range in color from the purest white through the delicate shades of pale pink, rose and carmine to the deepest crimson and blood-red, while many are daintily edged and striped. In fact, so varied are they that scarcely any two flowers are exactly alike. Oz., 50 cts. 10

3685 Admiral. A single peony-flowered variety of surpassing beauty, having large, smooth-edged flowers of glistening white, with a broad band of brilliant scarlet around the top. These two colors form a striking contrast, and when planted in groups produce a magnificent effect. $\frac{1}{4}$ oz., 20 cts. 5



DREER'S SELECT SHIRLEY POPPIES

3686 Charles Darwin. Remarkable for the unique color of its large, smooth-edged flowers, being a striking rich dark purple; with a velvety black spot at the base of each petal. A dense wreath of white anthers produces a fine contrast with the extraordinary color of the flower. $\frac{1}{4}$ oz., 25 cts. 10

3687 Dainty Lady. Immense flowers 4 to 5 inches across, of a charming mode shade of rosy mauve, with a large dark metallic blotch at the base of each petal. $\frac{1}{4}$ oz., 25 cts. 10

3688 Danebrog, or Danish Cross. Very showy variety, producing large flowers of brilliant scarlet, with a silvery white spot on each petal, forming a white cross, which is nicely shown in the illustration on this page. Per oz., 25 cts. 5

3691 English Scarlet. The scarlet field Poppy. $\frac{1}{4}$ oz., 25 cts. 10

3693 King Edward. A new variety of gorgeous coloring, being a deep scarlet, shaded crimson-red, each petal marked with a large black blotch for half its length from the base, against which the yellow anthers stand out in bold relief. The plant grows 2 $\frac{1}{2}$ feet high, and produces its very large flowers with great freedom. $\frac{1}{4}$ oz., 25 cts. 10

3692 Tulip Poppy (*Papaver Glaucum*.) One of the most brilliant; the flowers are 3 inches across and closely resemble the brilliant Scarlet Gesneriana Tulip; 2 feet Per $\frac{1}{4}$ oz., 30 cts. 10

3697 The Bride. A beautiful large, pure white. Per oz., 30 cts. 5

3698 Virginia. Large, beautifully fringed flowers of pure white, edged with soft pink; exquisite when cut. Per $\frac{1}{4}$ oz., 20 cts. 5

3699 Collection of a packet each of above 10 single varieties. 50

3700 Single Mixed. Annual sorts. Oz., 25 cts. 5



DANEBROG, OR DANISH CROSS POPPY

DOUBLE ANNUAL POPPIES

The same culture as given at the top of the preceding page should be followed in the case of the double-flowering annual sorts. They make a gorgeous showing during their flowering period, and are largely used for beds and borders.

PER PKT.

- 3711 **American Flag.** Beautiful variety; flowers very large and double, snow white, bordered with scarlet. Per oz., 30 cts. 5
- 3712 **Fairy Blush.** Very double flowers of pure white, elegantly fringed and tipped with rose. Per oz., 30 cts. 5
- 3713 **Golden Gate.** Comprising an infinite variety of semi-double and double flowers in the greatest variety of colors. Per oz., 30 cts. 5
- 3714 **"Mikado"** (*The Striped Japanese Poppy*). This beautiful Poppy is very distinct in character and color. The flowers are brilliant scarlet and white, with elegantly curved petals, like a Japanese Chrysanthemum. Per oz., 30 cts. 5
- 3715 **White Swan.** Immense double flowers, beautifully fringed and of purest white, of the same dwarf habit as Cardinal and Shell-pink. Per oz., 30 cts. 5
- 3716 **Cardinal.** A splendid dwarf variety of the carnation-flowered type, growing about two feet high and bearing large globular, fringed flowers of an intense cardinal red. Per oz., 30 cts. 5
- 3717 **Shell-pink.** Similar in every way to Cardinal and White Swan, except color, which is a soft sea-shell or chamois-pink. Very dainty. Per oz., 30 cts. 5



DOUBLE PEONY-FLOWERED POPPIES

PER PKT.

- 3720 **Carnation Flowered.** Splendid double-fringed flowers; mixed colors. (See cut.) Per oz., 25 cts. 5
- 3730 **Peony Flowered.** Large, showy, double globular flowers, resembling a double Peony; mixed colors. (See cut.) Per oz., 25 cts. 5
- 3719 **Collection of 6 varieties.** Double Carnation flowered 25
- 3729 **Collection of 6 varieties.** Double Peony flowered 25

ICELAND POPPIES

(*Papaver Nudicaule*)

While these are hardy perennials, they flower the first year from seed, blooming almost as quickly as the annual sorts. They are of graceful neat habit, with bright green fernlike foliage, formed in tufts, from which issue slender stalks about 12 inches high, bearing their brilliant flowers in endless profusion; most useful for cutting, for which purpose pick when in bud, and, if the seed pods are picked off, continue in flower the entire season. They remain evergreen throughout the winter, coming into bloom early the following spring.

- 3733 **Bright Yellow.** 10
- 3734 **Pure White.** 10
- 3736 **Orange Scarlet.** 10
- 3740 **Finest Mixed.** All colors. $\frac{1}{4}$ oz., 30 cts. 10
- 3738 **New Hybrid Iceland.** The latest development in this lovely species, varying in color from sulphur yellow through different shades of orange to chamois and salmon-rose, some of which are very striking. 15



DOUBLE CARNATION FLOWERED POPPIES

The Hardy Perennial Large Oriental Poppies are offered on next page

Hardy Perennial Oriental Poppies

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. It is well to mark the places they are planted with a stake to insure the roots against disturbance during their annual resting period.

PER PKT.

- 3747 **Oriente** (*The Large Oriental Poppy*). A charming summer-flowering hardy plant, producing numerous leafy stems about 2½ feet high, with large deep crimson flowers; having a conspicuous black blotch on each petal, exceedingly showy. ¼ oz., 30 cts. 10
- 3743 **Perry's White**. Very distinct, pure satiny-white, with a crimson maroon blotch at the base of each petal. 25
- 3742 **Gerald Perry**. One of the most beautiful Oriental Poppies yet raised, large flowers of a uniform shade of apricot-pink, conspicuously blotched crimson. 25
- 3750 **Oriental Mixed Hybrids**. Saved from a large number of named sorts. ¼ oz., 50 cts. . 15

ICELAND POPPIES

This charming class of hardy Poppies is offered on preceding page.



ICELAND POPPIES (offered on page 103)



ORIENTAL POPPY

PLATYCODON

(Balloon Flower, or Japanese Bellflower)

One of the best hardy perennials, producing very showy flowers during the whole season. They form large clumps and are excellent for planting in permanent borders or among shrubbery; easily raised from seed, which begins blooming in August if sown outdoors in April. (See cut.)

PER PKT.



PLATYCODON GRANDIFLORUM

- 3663 **Grandiflorum**. Large steel blue flowers. ¼ oz., 40 cts. 10
- 3664 — **Album**. Pure white variety. ¼ oz., 40 cts. 10
- 3662 **Variesi**. Large, open, bell-shaped flowers of a rich violet-blue; plant dwarf and compact. ¼ oz., 50 cts. 10
- 3661 **Japonicus Fl. Pl.** (*Double Japanese Bellflower*). Large, glossy deep-blue flowers. The inner petals alternate with the outer ones, giving the flower the appearance of a ten-pointed blue star. 2 pkts., 25 cts. . 15

POLYANTHUS (Primula Elatior)

Showy, early spring, free-flowering plants, fine for either pot or outdoor culture; hardy perennials; 9 inches.

- 3677 **Invincible Giant**. Undoubtedly the finest strain in cultivation, containing all colors from purest white to the richest crimson. 5 pkts., \$1.00. 25
- 3680 **English Mixed**. A fine grade; all colors. ¼ oz., 30 cts. 10

PUERARIA (Japanese Kudzu Vine)

- 3835 **Thunbergiana**. To this must be awarded first place as the fastest growing hardy climbing plant. It will grow 8 to 10 feet the first year from seed, and after it has become established there seems to be no limit to its growth, 50 feet in a single season being not unusual. Its foliage is large and covers well; it bears small racemes of rosy-purple; pea-shaped blossoms towards the close of August. A splendid subject for covering permanently verandas, dead trees, etc. ¼ oz., 25 cts. 10



SINGLE PORTULACAS

PORTULACA (Sun Plant)

One of our finest annual plants, of easy culture, thriving best in a rather rich, light loam or sandy soil, and luxuriating in an exposed sunny situation; the flowers are of the richest colors, and produced throughout the summer in great profusion; fine for massing in beds, edgings or rock-work, and frequently used to sow broadcast over sunny banks, etc.; in any case it is well to mix the seed with three or four times its bulk of dry sand or soil, which permits an even and easy distribution of the seed; 6 inches.

PER PKT.	PER PKT.
3762 Single Orange 10	3765 Single Scarlet 10
3763 — Striped 10	3766 — White 10
3764 — Rose 10	3767 — Yellow 10
3770 Single Mixed . All colors. Per oz., 60 cts. 5	
3769 Collection of 6 single varieties 40	
3760 Double Mixed . A large percentage of the flowers will come perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. $\frac{1}{2}$ oz., 60 cts. 10	
3759 Collection of 6 double varieties 50	

PRIMULA OBCONICA

These are of the easiest culture in greenhouse or light window of dwelling house, flowering abundantly and continuously with little care, and should be sown during the spring in good porous loam. They will not germinate well in any compost containing peat or leaf mould. To develop the colors to the highest degree, grow in heavy soil, and at a temperature as near 60 degrees as possible. The Grandiflora varieties are the freest flowering, but lack the very large individual blooms of the newer Gigantea type.

3811 Obconica Gigantea Kermesina . Rich crimson.. 25	
3812 — — Rosea . Pure rose color..... 25	
3815 — — Mixed . All colors..... 20	
3816 — Grandiflora Alba . Pure white..... 20	
3817 — — Kermesina . Bright crimson..... 20	
3818 — — Rosea . Beautiful clear rose..... 20	
3819 — — Appleblossom . Soft pink..... 20	
3820 — — Mixed . All colors..... 15	

HARDY PRIMROSES

These are among the best of the early spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame.

1500 Auricula . A well-known favorite of great beauty; seed saved from splendid choice mixed varieties; 6 inches 25	
3825 Japonica (Japanese Primrose) . Bright and showy flowers; borne in whorls on stems 6 to 9 inches long; mixed colors..... 15	
3830 Vulgaris (English Primrose) . Canary-yellow, fragrant..... 15	

See also Cowslip and Polyanthus

PRIMULA (Primrose)

The charming and beautiful Chinese Fringed Primrose and Obconica varieties are indispensable for winter or spring decorations in the home or conservatory. They are one of the most important winter blooming pot plants. The seed we offer is of the highest merit, and has, as usual, been saved from the best strains. Florists and others report that they have never seen finer flowers than those produced from our seed. Sow in March, April or May.

Fringed Chinese Primroses

	PER PKT.
3782 Alba Magnifica . A magnificent pure white. 25	
3783 Covent Garden Red . A fine rosy-red... 25	
3785 Covent Garden White . Free-flowering pure white..... 25	
3786 Crimson King . Rich luminous crimson, very effective..... 50	
3787 Rosy Morn . Beautiful delicate pink.... 50	
3790 Stellata . A very pretty form with large heads of star-shaped flowers of various colors; a splendid type for decorative purposes..... 25	
3791 Giant Flowering . A strong growing variety producing immense trusses of extra large finely fringed flowers in a large range of colors. 3 pkts., \$1.00.... 35	
3800 Dreer's Choicest Mixed . This mixture contains nothing but the finest-fringed large flowering sorts, and cannot fail to give entire satisfaction..... 25	

VARIOUS PRIMROSES

3824 Kewensis . This variety is most attractive, with pleasing bright yellow flowers borne on long stems. It is delightfully fragrant and stands well as a house plant. 25	
3826 Malacoides (Improved Baby Primrose) . A fine house plant, flowers delicate lilac..... 25	
3827 — Alba . A new white-flowering form 25	



LARGE-FLOWERING CHINESE PRIMROSE

PYRETHRUM

P. aureum is the well-known Golden Feather so much used for edging, carpet bedding, etc., while the others are most attractive hardy plants.

PER PKT.

- 3841 **Aureum** (*Golden Feather*). Yellow foliage. Per $\frac{1}{4}$ oz., 25 cts. 5
- 3846 **Hybridum**. Hardy perennial, bearing large Daisy or Cosmos-like flowers, ranging in color from white to deep red, with bright yellow centers; blooms in May and June, and again in the fall; and is one of the most graceful and long-lasting cut flowers. These are nicely shown in the illustration on this page. Per $\frac{1}{4}$ oz., 75 cts. 10
- 3847 **Hybridum Grandiflorum**. A large flowering form of the above; mixed colors. 15
- 3845 **Hybridum Fl. Pl.** Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; mixed colors; $1\frac{1}{2}$ feet. 25

RUDBECKIA (*Cone Flower*)

- 3901 **Bicolor Superba**. Fine free-flowering annual variety, growing about 2 feet high; forming a dense bush and producing in great abundance on long stems its bright flowers. The disk is brown, the florets golden-yellow, with large velvety-brown spots at the base; very effective and useful for cutting. 10
- 3902 **Newmani**. One of the finest of autumn-flowering perennials, bearing large flowers. Bright orange-yellow petals, surrounding a large black cone. 15
- 3903 **Purpurea** (*Giant Purple Cone-Flower*). A most interesting hardy perennial, producing all summer large, showy reddish-purple flowers, about 4 inches across. 10



PYRETHRUM HYBRIDUM

RHODANTHE(*Swan River Everlasting*)

PER PKT.

- 3860 A charming annual; succeeds in a light rich soil and a warm sheltered situation; valuable for pot culture; flowers everlasting; mixed colors; 1 foot. 10

RICINUS(*Castor Oil Bean*)

Ornamental plants of stately growth and picturesque foliage, with brilliant colored fruit, producing sub-tropical effect; fine for



RUDBECKIA BICOLOR SUPERBA

RICINUS ZANZIBARIENSIS (*Castor Oil Bean*)

lawns, massing or centre plants for beds.

- 3862 **Cambodgiensis**. The main stems and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effects may be obtained; 5 feet. Per oz., 25 cts. 5
- 3866 **Panormitanus**. Immense dark brown leaves, producing a fine tropical effect. Per oz., 25 cts. 5
- 3865 **Sanguineus**. Blood red stalks and clusters of red fruit; 8 feet. Per oz., 25 cts. 5
- 3870 **Zanzibariensis**. A distinct class, which surpasses in size and beauty all varieties. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. The different varieties included in our mixture have light and dark green leaves and some of coppery-bronze, changing to dark green, with reddish ribs. The seeds are beautifully marked. Per oz., 25 cts. 5
- 3880 **Mixed**. All sorts. Per oz., 20 cts. 5



Every flower garden should include the mammoth flowering Verbenas. See page 53



IMPROVED LARGE-FLOWERING SCABIOSA

SANVITALIA

PER PKT.

- 3938 **Procumbens Fl. Pl.** An annual of dwarf compact growth; useful in masses in beds, or edges of borders, or in vases, baskets, etc. Showy bright yellow, double flowers; in bloom all summer. (See cut.)..... 10

SAPONARIA (Bouncing Bet)

- 3939 **Caucasica flore pleno** (*Double-flowering Bouncing Bet*). A hardy perennial sort with white tinted rose, double flowers, produced all summer and fall; 15 inches..... 10
- 3940 **Vaccaria**. A pretty and useful annual variety, grows about 2 feet high, and bears masses of satiny pink flowers somewhat like an enlarged Gypsophila; charming for cutting, adding grace to any arrangement of flowers. Several sowings should be made to keep up a succession of bloom. Per oz., 30 cts..... 5

SCARLET RUNNER BEANS

- 3595 **Scarlet Runners**. A great favorite in England and Europe, not only as an ornamental climber, but for the delicious edible beans which succeed the sprays of bright scarlet pea-shaped blossoms. Per lb., 50 cts., postpaid..... 5

SCABIOSA

(Mourning Bride, Sweet Scabious, Pin-cushion Flower, etc.)

The Annual Scabiosas are firm favorites with many of our customers. Seed can be sown any time in the spring after danger of frost is past. They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. The beautiful flowers in exquisite shades are borne on long stems, and when cut keep in perfect condition for the best part of a week. They make effective borders or beds, and no garden is complete without both the annual and perennial Scabiosas, especially where flowers are wanted for cutting. We offer 6 colors, as under:

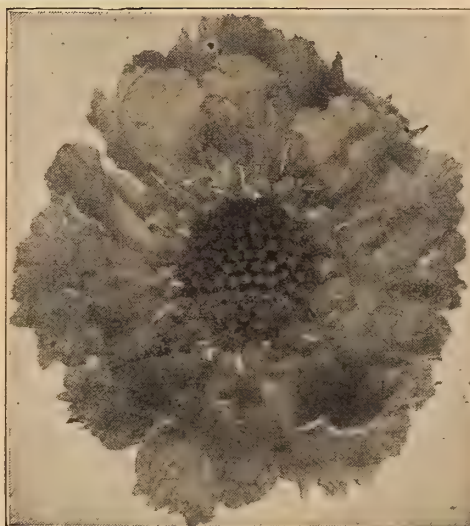
LARGE-FLOWERING ANNUAL

PER PKT.

- 3943 **Azure Fairy**. Clear lavender-blue..... 10
 3944 **Crimson**. Rich rosy crimson..... 10
 3951 **Flesh Pink**. Delicate tone of pink..... 10
 3952 **King of the Blacks**. Velvety black purple..... 10
 3956 **Rose**. Soft rose color..... 10
 3958 **White**. Pure white..... 10
 3959 **Collection** of a packet each of the six colors..... 40
- 3960 **Mixed**. All colors of the Improved Large-flowering. Per ¼ oz., 25 cts.; per oz., 60 cts..... 5

HARDY PERENNIAL SCABIOSAS

- 3941 **Caucasica (Blue Bonnet)**. One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; color soft lavender-blue; 3 feet. ⅓ oz., 40 cts. 15
- 3942 **Japonica**. A variety from Japan, forming bushy plants, 2½ feet in height, and bearing on long, wiry stems beautiful, artistic, lavender-blue flowers; a fine cut flower. ⅓ oz., 25 cts..... 10



SCABIOSA CAUCASICA



SANVITALIA PROCUMBENS

SCHIZANTHUS

(Butterfly or Fringe Flower)

This is one of the airiest and daintiest flowers imaginable, especially adapted to bordering beds of taller flowers and those of a heavier growth. The seeds germinate quickly and come into bloom in a few weeks from sowing. The florescence is such as to completely obscure the foliage, making the plant a veritable pyramid of the most delicate and charming bloom. The Schizanthus make admirable pot plants for the house in late winter and early spring. For this purpose sow in the autumn.

PER PKT.

- 3967 **Dwarf Large-flowered.** A new variety, forming compact pyramidal plants a foot high, literally covered with large, beautiful, orchid-like flowers in a bewildering range of color. $\frac{1}{4}$ oz., 50 cts. 15
- 3968 **Wisetonensis.** A variety largely used as a pot plant for the house or conservatory. It is remarkably free-flowering, and presents a beautiful appearance with its myriads of blooms, the ground color of which is white, dotted with delicate rose. 25
- 3970 **Mixed.** A splendid mixture of the regular type. $\frac{1}{4}$ oz., 25 cts. 5

SIDALCEA

Hardy perennials of considerable beauty for the border, growing from 3 to 5 feet high and producing their showy, satiny flowers during June and July; blooms well either in sun or partial shade, of easy culture, succeeding in any ordinary garden soil.

- 3974 **Candida.** A very pretty white flowering variety; 2 to 3 feet 10
- 3975 **Rose Queen.** A new variety and one of the finest hardy perennials, develops spikes 5 feet high covered with large brilliant rose-colored flowers. 2 pkts., 25 cts. 15
- 3976 **Rosy Gem.** Of dwarf habit, not over 3 feet high, and pretty bright rose flowers. 10



SOLANUM CAPSICASTRUM



SCHIZANTHUS (Butterfly or Fringe Flower)

SMILAX

(Myrsiphyllum Asparagoides)

PER PKT.

- 3981 In many respects Smilax is the most useful, and it is certainly one of the most graceful climbers which adorns the greenhouse or conservatory; for bouquets and floral decorations it is indispensable. $\frac{1}{4}$ oz., 30 cts. 10

SOLANUM

- 3991 **Capsicastrum (Jerusalem Cherry).** This is a very useful pot plant for winter decoration. It is of dwarf, branching habit, leaves small and oval-shaped, bearing in the greatest profusion bright scarlet globular berries. Very ornamental; 1 foot 10
- 3992 — **Fra Diavolo.** A new variety of the above, of close, compact growth, with foliage somewhat smaller and lighter green. The small, bright scarlet fruits remain on the plant a long time and make it a beautiful decorative pot plant through the winter months 15

STATICE (Sea Lavender)

Splendid hardy perennials, either for the border or rockery, producing all summer panicles of minute flowers, which can be dried and used for winter bouquets.

- 3997 **Latifolia.** Purplish-blue flowers. (See cut.) 10
- 4000 **Mixed.** Containing many sorts. 10

STEVIA

- 4001 **Serrata.** Free-blooming plants, bearing a multitude of fragrant pure white flowers; suitable for summer or winter blooming; largely used for cutting. 10



STATICE LATIFOLIA



Dreer's Select SWEET PEAS

There are hundreds of both Orchid-flowered and Grandiflora varieties of Sweet Peas, many of which are practically identical and still others which lack either size, purity of color, vigor or some other characteristic which all first-class sorts should have. It would be an easy matter for us to greatly extend our list, but we think it best to confine our offers to such sorts as are really first class, and every variety we offer is entitled to a place in the front rank of Sweet Peas. In addition to the splendid list of Orchid-flowered sorts offered on the page opposite we also offer the best recent introductions of both the early-flowering and the regular type, which are fully described on page 61.

HOW TO GROW SWEET PEAS

The soil for Sweet Peas should be rich and deep. A good rich loam, with plenty of well-rotted manure in it, is the ideal soil for raising good plants that will produce plenty of blooms of good substance. Considerable benefit has been noted from the use of Mulford's Inoculating Culture. We can supply a special Culture for Sweet Peas. Price, 25 cts. per bottle, enough for any ordinary garden. They should be in a position fully exposed to the sunlight and air on both sides of the row.

Much depends upon the state of the weather as to when the seed may be sown out of doors; but they should be sown as early in the season as the ground can be worked, which is usually between the middle of March and the middle of April in the latitude of Philadelphia. It is best to make a trench or furrow about 6 inches deep, in the bottom of which sow the seed. Cover with about an inch of soil, pressing it down firmly. As soon as they are above ground thin out to 2 to 4 inches apart; when planted too close they do not attain their full development. They should be staked up either with branches of brush or stout stakes on which wire netting has been fastened. These should be at least 4 feet high, and 5 feet would be better. It is just as well to do the staking at the time of sowing.

During dry weather they should be watered thoroughly and frequently. The flowers should be cut as often as possible to prevent the plants from running to seed, which would stop them from continuing in bloom.

DREER'S SELECT GRANDIFLORA SWEET PEAS

The following are the very choicest grandiflora sorts—varieties that stand at the head of their respective color and that have the endorsement of the leading American and European specialists—and it would be impossible to select a similar list out of the vast number of grandiflora sorts that would combine in the same degree all the qualities which go to make up first-class varieties.

- 4233 **Black Knight.** Very deep maroon, shaded black.
4234 **Blanche Ferry.** The popular pink and white.
4235 **Dorothy Eckford.** Magnificent pure white.
4236 **Flora Norton.** The clearest bright blue.
4241 **Helen Pierce.** White, veined and marbled bright blue.
4242 **Hon. Mrs. E. Kenyon.** The finest primrose yellow.

Price. Any of the above, 5 cts. per pkt.; 20 cts. per oz.; 50 cts. per $\frac{1}{4}$ lb.

4268 **Collection of a packet each** of the above 12 Select Grandiflora Sweet Peas for 50 cts.

4269 **Collection of one ounce each** of the above 12 Select Grandiflora Sweet Peas for \$1.50.

- 4280 **Dreer's "Peerless" Mixture.** This mixture contains nothing but the finest grandiflora varieties blended with the greatest care, so as to produce best color effect. 5 cts. per pkt.; 15 cts. per oz.; 40 cts. per $\frac{1}{4}$ lb.; \$1.25 per lb.

- 4243 **Janet Scott.** A grand deep rich pink.
4244 **King Edward VII.** The finest crimson-scarlet.
4245 **Lady Grisel Hamilton.** A grand pale lavender.
4246 **Lord Nelson.** The richest deep navy-blue.
4251 **Miss Willmott.** Brilliant orange pink; very large.
4254 **Prima Donna.** A magnificent pure pink.

- 4270 **Cupid, Dwarf or Bedding Mixture.** These form a line of emerald-green foliage a little over a foot wide and 6 inches high, and from June until late summer are literally a sheet of bloom; the mixture contains all the colors. 10 cts. per pkt.; 20 cts. per oz.; 60 cts. per $\frac{1}{4}$ lb.; \$2.00 per lb.

MULFORD'S INOCULATING CULTURE FOR SWEET PEAS. Price, 25 cts. per bottle, enough for a large planting



ORCHID-FLOWERED SWEET PEAS COUNTESS SPENCER

DREER'S SUPERB Orchid-flowered Sweet Peas

The best of the old-fashioned or grandiflora varieties are now quite overshadowed by this wonderful type, which are quite distinct, having large, round open flowers of extraordinary size, usually measuring two inches across, with wavy standards and wide-spreading wings, a very large percentage bearing four of these immense blossoms to the stem, which is long and strong, making them of exceptional value for cutting. All the sorts offered below have been thoroughly tested and are just as easy to grow as the grandiflora varieties. For list of the latest introductions, see Novelties and Specialties, pages 52 to 62.

- 4061 **Agricola.** Extra large, very wavy flowers of a light lilac or lavender pink, a color that lights up beautifully under artificial light.
 - 4071 **Barbara.** Beautiful rich orange-salmon. A most brilliant color and makes a very effective bunch.
 - 4074 **Blanche Ferry Spencer.** Identical in color to the popular pink and white Blanche Ferry; immense wavy flowers.
 - 4078 **Blue Picotee.** Pure white, daintily edged with a narrow border of violet-blue.
 - 4086 **Countess Spencer.** A lovely clear pink, shading deeper at the edges, the original of this type.
 - 4095 **Dobbie's Cream.** The finest and largest primrose-yellow yet introduced.
 - 4108 **Elfrida Pearson.** The finest and largest blush pink.
 - 4114 **Fiery Cross.** The sensational fiery-scarlet variety. 10 cts. per pkt.; 75 cts. per oz.
 - 4117 **Florence Nightingale.** A large and fine pure lavender; a great favorite.
 - 4136 **Illuminator.** Rich salmony-orange overlaid with bright cerise-pink, the effect being a glowing orange-scarlet; flowers uniformly large.
 - 4143 **King Edward Spencer.** Bright crimson-scarlet of largest size. A fine variety.
 - 4147 **King White.** The finest white-seeded pure white.
 - 4151 **Margaret Atlee.** The best rich pink. A giant in size and a strong grower.
 - 4152 **Margaret Madison Improved.** Opens a delicate azure-blue, developing to a clear, light lavender.
 - 4154 **Mrs. Cuthbertson.** Standard rose-pink, wings blush white; flowers of largest size.
 - 4156 **Mrs. Hugh Dickson.** Beautiful salmon-pink on a cream ground, color effect rich apricot; extra fine.
 - 4158 **Mrs. R. Hallam.** An exquisite tone of salmony rose-pink, one of the most charming varieties yet introduced.
 - 4177 **Othello Spencer.** Beautifully waved flowers of a rich deep maroon, immense size.
 - 4194 **Robert Sydenham.** This grand variety is considered the most distinct new color introduced to date, being a glowing orange throughout; a good strong grower with flowers of characteristic Spencer size and form. 10 cts. per pkt.; 50 cts. per oz.
 - 4196 **Rosabelle.** A magnificent large and finely waved bright rose. Extra fine in every way.
 - 4198 **Royal Purple.** Rich royal purple. One of the finest and most distinct varieties.
 - 4202 **Scarlet Emperor.** Rich deep scarlet; extra large, and nicely waved.
 - 4214 **Thomas Stevenson.** Brilliant orange-scarlet of large size.
 - 4222 **Wedgwood.** Bright silvery or wedgwood blue, a beautiful and popular color.
 - 4228 **White Spencer.** A pure wavy white of enormous size and splendid substance; long, strong stems.
- Price.** Any of the above, except where noted, 10 cts. per pkt.; 40 cts. per oz.; \$1.25 per $\frac{1}{4}$ lb.
- 4208 **Collection** of a packet each of the entire 25 varieties offered above, \$1.75.



ORCHID-FLOWERED SWEET PEAS KING WHITE

DREER'S ORCHID-FLOWERED SWEET PEAS IN MIXTURE

- 4230 Read what we say about this type at top of this page. They represent the highest achievement in Sweet Peas to date, and this mixture has been made up out of named sorts only, insuring a well balanced range of colors, and it would be impossible to get anything of higher quality at any price. 10 cts. per pkt.; 25 cts. per oz.; 75 cts. per $\frac{1}{4}$ lb.; \$2.50 per lb.



CUT-AND-COME-AGAIN STOCKS

STOCKS (Gilliflower)

The Stock is one of the most popular annuals, either for bedding or pot culture; for brilliancy and diversity of color, fragrance, profusion and duration of bloom it is unsurpassed.

IMPROVED LARGE-FLOWERING 10-WEEK STOCKS

This is the leading class for bedding out for summer blooming, coming into flower quicker than the other types.



STOKESIA (CORNFLOWER ASTER)

CUT-AND-COME-AGAIN 10-WEEK STOCKS

Splendid perpetual-blooming class; sown in March or April they begin flowering in July, continuing till frost, and are especially valuable during September and October, when other flowers are scarce; they throw out numerous side branches; all bearing very double, fragrant flowers.

	PER PKT.
4031 Princess Alice. White.....	15
4032 La France. Rose.....	15
4033 Brilliant. Blood-red.....	15
4034 Sapphire. Dark blue.....	15
4035 Creole. Creamy-yellow.....	15
4036 May Queen. Delicate lilac.....	15
4040 Finest Mixed. All colors. $\frac{1}{8}$ oz., 75 cts.....	10
4039 Collection of a packet each of the 6 colors.....	60

STOKESIA (Cornflower Aster)

- 4051 **Cyanea.** This is not new, but is a rare and beautiful hardy perennial. The plant grows about 24 inches high, each bearing from 20 to 30 handsome lavender-blue cornflower-like blossoms; in bloom from July till frost. One of the choicest subjects for the hardy border, and indispensable for cutting. (See cut.) $\frac{1}{4}$ oz., 30 cts... 10
- 4052 **Cyanea alba.** A pure white-flowering form, identical to the popular blue variety in every way except color. $\frac{1}{4}$ oz., 40 cts..... 10
- 4060 **Cyanea Mixed.** Containing many new colors. 2 pkts., 25 cts..... 15

SWEET ROCKET

(Hesperis)

- 4278 Old-fashioned garden plant; also known as Dame's Rocket and Dame's Violet; grows from 2 to 3 feet high, and bears spikes of showy white, lilac and purple fragrant flowers. Excellent for naturalizing among shrubbery or for planting in a permanent border; mixed colors. (See cut.) Oz., 40 cts..... 5



SWEET ROCKET

MAMMOTH-FLOWERING BEAUTY STOCKS

A magnificent recently developed strain of early-flowering Winter or Brompton Stocks, forming much-branched plants about 2 feet high and having numerous spikes of very large, double, delightfully fragrant flowers, they are of special value as pot plants for greenhouse decoration and for cutting during the dull winter months; for this purpose seed should be sown from July to September; if sown in February or March will produce plants that will bloom out of doors from midsummer till frost.

	PER PKT.		PER PKT.
4011 Blood-red	10	4015 Purple	10
4013 Light Blue	10	4016 Pure White	10
4014 Bright Pink	10	4017 Canary-yellow	10
4020 Mixed. Double large-flowering. $\frac{1}{8}$ oz., 50 cts.....	5		
4018 Collection. A packet each of above 6 colors.....	50		

SWEET WILLIAM
(*Dianthus Barbatus*)

(London Tufts)

A well-known, attractive, free-flowering hardy perennial, producing a splendid effect in beds and borders with their rich and varied flowers. It is much better to raise new, vigorous, young plants from seed every season than to divide the old plants.

- | | PER PKT. |
|---|----------|
| 4286 Single Velvety Maroon | 5 |
| 4288 — White | 5 |
| 4283 — Crimson | 5 |
| 4285 — Scarlet | 5 |
| 4290 Single Mixed. All colors. Per $\frac{1}{2}$ oz., 20 cts..... | 5 |
| 4282 Newport Pink. A distinct new color which originated in one of the far-famed gardens at Newport, R. I. In color it is what florists call watermelon-pink or salmomy-rose. Strikingly brilliant and beautiful; the flowers are borne in massive heads on stems 18 inches high. For mid-season mass bedding it has no equal. It is also very effective for cutting. 2 pkts., 25 cts..... | |
| 4281 Scarlet Beauty. A very effective rich, deep scarlet variety. 2 pkts., 25-cts. | 15 |
| 4291 Holborn Glory. This strain is a large-flowered selection of the auricula-eyed section, the most beautiful and admired of all Sweet Williams. The individual flowers and trusses are of extraordinary size, while the range of color, all showing a clear, white eye, is truly superb. $\frac{1}{4}$ oz., 25 cts. | |
| 4297 Double Mixed. All colors. $\frac{1}{4}$ oz., 30 cts..... | 10 |
| 4296 Giant Double. A decided improvement. The plants are of robust, bushy habit, producing numerous stems, surmounted by immense umbels of full, double flowers, many of the individual flowers measuring over one inch in diameter. The colors are extremely varied. $\frac{1}{4}$ oz., 50 cts..... | |
| 2342 Latifolius Atrococcineus, Fl. Pl. (<i>Everblooming Hybrid Sweet William</i>). A brilliant crimson-scarlet variety that is very effective in any position, and one of the best perennials in the list..... | |

TAGETES

- 4301 **Signata Pumila.** A dwarf, compact, bushy annual Marigold, with beautiful, delicate, fern-like leaves, densely covered with flowers of bright golden-yellow; a first-class border plant. (See cut.) $\frac{1}{4}$ oz., 50 cts.....



TAGETES SIGNATA PUMILA



THUNBERGIA



DOUBLE AND SINGLE SWEET WILLIAM

THUNBERGIA

(Black-eyed Susan)

- | | PER PKT. |
|--|----------|
| 4310 Beautiful, rapid growing annual climbers, preferring a warm, sunny situation; used extensively in hanging-baskets, vases, low fences, etc., very pretty flowers in buff, white, orange, etc., with dark eyes; mixed colors; 4 feet. (See cut.) $\frac{1}{4}$ oz., 40 cts..... | 10 |

TORENIA

- 4322 **Fournieri.** A very fine annual; a splendid plant for vases, hanging-baskets, borders, etc.; covered the entire season with a mass of bloom. Sky-blue, with three spots of dark blue, bright yellow centre.....

TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily)

- 4330 **Hybrida.** The introduction of new, continuous flowering Tritomas has given them a prominent place among hardy bedding plants. It is not generally known that they are readily grown from seed, many flowering the first year if sown early. The seed we offer has been saved from our own collection, which is undoubtedly the finest in this country. Of course, for immediate results it will be better to get plants, but raising them from seed is highly interesting. 2 pkts., 25 cts.....

TUNICA

- 4335 **Saxifraga.** A neat, tufted hardy perennial plant, growing but a few inches high, and bearing throughout the entire season numerous elegant pink flowers. Will thrive anywhere, but is especially adapted for the rocky or the margin of the hardy border; blooms the first season.....



DREER'S MAMMOTH VERBENAS

(Illustrated in colors on plate facing page 53.)

We have been carefully selecting and improving this fine strain of Verbenas for years, and can recommend it as the very best procurable. For best and quickest results seed should be sown early in the house or hotbed, and transplanted to flowering quarters in May. If sown outdoors in May, it blooms from the end of July on. Verbenas are better grown from seed than from cuttings, being more vigorous and not liable to disease.

	PER PKT.		PER PKT.
4351 Pink.....	10	4354 Striped.....	10
4352 Purple.....	10	4355 White.....	10
4353 Scarlet.....	10	4356 Blue.....	10

4359 Collection of above 6 colors..... 50

4360 Dreer's Mammoth Mixed. Containing all the colors. $\frac{1}{4}$ oz., 50 cts.; oz., \$1.50. 10

VARIOUS VERBENAS

4361 **Hybrida, Fine Mixed.** A splendid mixture, flowers not quite so large as our Mammoth Strain. $\frac{1}{4}$ oz., 30 cts. 5

4357 **Lucifer.** A new deep cardinal-scarlet variety of Mammoth Verbenas. See Specialties pages 52 to 62, 25

4366 **Lemon Verbena** (*Aloysia Citriodora*). Every garden should have a few plants of this fragrant favorite. Its pale green delightfully scented foliage goes well with any flower..... 15

4365 **Erinoides** (*Moss Verbena*). This lovely variety produces a mass of moss-like foliage, spreading over the ground like a carpet, above which are borne heads of purplish-blue and white blossoms in lavish profusion; comes into flower in June and continues until frost. For beds, baskets or rockeries it is highly desirable..... 10

4367 **Venosa** (*Hardy Garden Verbena*). This variety is largely used for bedding purposes. It is a strong, thrifty grower about 1 foot high, and covered from early summer until late fall with its bright purplish-heliotrope flowers. $\frac{1}{4}$ oz., 30 cts. 5



DREER'S MAMMOTH VERBENA

VALERIANA (Valerian) PER PKT.

4340 **Rubra, Mixed.** Showy, hardy border plants; producing large corymbs of red or white flowers; fine for bouquets; mixed; 2 feet. $\frac{1}{4}$ oz., 25 cts. 10

VINCA (Madagascar Periwinkle, or Old Maid)

Ornamental free-blooming plants and one of the most satisfactory flowering bedding plants we have. It is best to start the seed early indoors or in a hotbed, but they begin blooming in August from seed sown out of doors in May, or as soon as the ground is warm, continuing until frost; or they may be potted and kept in bloom through the winter; a fine cut flower, every bud opening when placed in water. 2 feet. (See cut.)

4381 **Rosea.** Rose, dark eye..... 10
 4382 — **Alba.** White, crimson eye..... 10
 4383 — **Alba Pura.** Pure white..... 10
 4390 — **Mixed.** All the colors. $\frac{1}{4}$ oz., 50 cts. 10

VISCARIA

Very free-blooming annuals, closely allied to the *Lychnis*, they form compact plants about a foot high, and are covered from early summer till fall with their bright flowers, shaped somewhat like a single Pink, borne on long, slender stems; it is best to sow them where they are to bloom, thinning out to prevent overcrowding.

4412 **Cardinalis.** Brilliant cardinal crimson; very bright. 10
 4413 **Mixed.** Containing about six different colors. 5



VINCAS

WALLFLOWER

Well-known deliciously fragrant half hardy perennials, blooming early in the spring, with spikes of beautiful flowers. They should be protected in a cold frame in the winter and planted out in April.

PER PKT.

- 4415 **Paris Extra Early.** A beautiful single variety, which may be treated as an annual, flowering through the summer from seed sown in spring. $\frac{1}{4}$ oz., 25 cts. 10
- 4414 **Goliath.** A splendid single variety; flowers of a rich, shining red, with a black velvety sheen. 10
- 0 **Single Mixed.** All colors. $\frac{1}{4}$ oz., 20 cts. 5
- 0 **Double Finest Mixed.** 10
- 4419 **Collection of Single Wallflower; 6 colors.** 40

WATER LILY SEEDS

We annually save a limited quantity of these at our own nurseries, and offer:

- 4531 **Nymphaea Zanzibariensis.** Purple. 15
- 4532 — — **Azurea.** Blue. 15
- 4533 — — **Rosea.** Rose. 15
- 4534 — **Tender Varieties Mixed.** 15
- 4536 **Nelumbium Speciosum.** Pink. 15
- 4538 — **Luteum.** Yellow. 10
- 4537 — **Mixed Sorts.** 15

WILD GARDEN FLOWER SEEDS

Under this heading we offer a mixture of the easiest and surest growing kinds that can be sown broadcast, and with little or no care will produce a bright effect in places that would otherwise be nothing but a collection of unsightly weeds, and furnishing an abundance of flowers for cutting.

- 4550 **Dwarf Sorts.** Growing from 12 to 18 inches high, 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb. 10
- 4560 **Tall Sorts.** Growing from 18 to 36 inches high, 30 cts. per oz.; \$1.00 per $\frac{1}{4}$ lb. 10



SINGLE WALLFLOWER



XERANTHEMUMS

XERANTHEMUM (Everlasting, or Immortelle)

PER PKT.

- 4433 **Annum.** One of the prettiest and most satisfactory of the Everlastings, bearing an abundance of bright rose, purple and white flowers, which are not only showy in the garden, but very useful as dried flowers in winter bouquets. Grows about 3 feet high, and can be sown in the open ground early in May, growing readily in any open, sunny position, remaining in bloom from early summer till frost.

Mixed colors 10

DREER'S SUPERB ZINNIAS

The most important varieties of this indispensable long-flowering annual is offered on page 116; but the sorts offered below should not be overlooked, all being worth while growing.

- 4481 **Mexicana Perfection.** A very dwarf variety, bearing small double flowers of unusual colorings; makes a beautiful border. 2 pkts., 25 cts. 15
- 4485 **Red Riding Hood.** This little gem grows but a foot high; of compact form and covered the entire season with little button-like, intense scarlet, very double flowers not over an inch across; as a border it is highly effective. $\frac{1}{4}$ oz., 30 cts. 10
- 4490 **Single Mixed.** For bedding these are very effective, and are by many considered more artistic than the double-flowering sorts. $\frac{1}{4}$ oz., 25 cts. 5
- 4500 **Tall Double.** The old-fashioned tall-growing variety; 3 feet; mixed colors. Per oz., 40 cts. 5
- 4510 **Zebra.** A very pretty strain with striped flowers. As the colors vary on each plant, they present a curious as well as a beautiful appearance. $\frac{1}{4}$ oz., 25 cts. 10

CURLED AND CRESTED ZINNIA
(Offered on page 116)

DREER'S CHOICE ZINNIAS (YOUTH AND OLD AGE)

The Zinnia is one of the most brilliant, showy and satisfactory of annuals, and has long been a general favorite. The seed can be sown early in the hotbed or light window and transplanted, or sown later in the open ground. They come into flower early in the summer and keep on blooming until hard frost. The varieties offered below are the most important kinds, but the sorts offered on page 115 should not be overlooked.



DREER'S IMPROVED LARGE-FLOWERING DWARF ZINNIAS

DREER'S SPECIAL STRAIN OF GIANT DOUBLE ZINNIAS

A special strain of this grand old favorite free and continuous flowering annual, which produces flowers of colossal size, specimens measuring from 5 to 6 inches across being not unusual. Plants are of extremely robust habit, attaining a height of about 3 feet and bearing on long strong stems numerous semi-globular, mostly very double flowers, all of the largest size, making them of great value in large beds, borders, etc.; grown under favorable conditions they remain in bloom from early summer to late autumn.

We offer six of the most wanted colors, separately, as well as a splendid mixture of many colors, as under:

- | | PER PKT. |
|---|----------|
| 4511 Giant Golden-yellow | 15 |
| 4512 Giant Scarlet | 15 |
| 4513 Giant White | 15 |
| 4514 Giant Flesh-color | 15 |
| 4515 Giant Sulphur-yellow | 15 |
| 4516 Giant Crimson | 15 |
| 4519 Collection of a packet each of the above 6 colors | 75 |
| 4520 Giant Mixed. All colors. Per 1/4 oz., 40 cts.; oz., \$1.25 | 15 |

DREER'S IMPROVED LARGE-FLOWERING DWARF DOUBLE

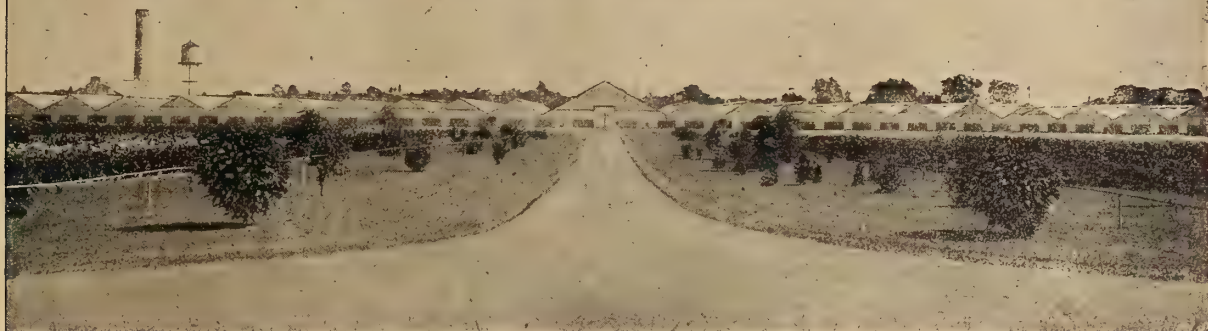
This we consider the best Zinnia for general use, forming bushy, compact plants not over 2 feet high, and bearing large perfect double flowers in good clear distinct colors. The salmon-rose variety is especially effective.

	PER 1/4 OZ.	PER PKT.
4441 Canary. Clear yellow	25	5
4442 Flesh-pink. Delicate shade	25	5
4444 Orange. Rich golden orange	25	5
4445 Dark Scarlet. Very rich	25	5
4446 Salmon Rose. The most popular color of all, and we are fortunate in having a good supply of select seeds this season	40	10
4447 Bright Scarlet. Bright and fiery	25	5
4457 White. Pure white	25	5
4459 Collection of a packet each of the above 7 sorts, 30 cts.		
4460 Finest Mixed. All colors of the improved Large-flowering dwarf. Per 1/4 oz., 20 cts.; oz., 60 cts.		5
4440 Curled and Crested. The petals of this beautiful strain are twisted, curled and crested into the most fantastic and graceful forms. The colors comprise all the brilliant shades characteristic of the Zinnia. (Illustrated on page 115.) 1/4 oz., 25 cts.		10
4480 Double Dahlia-flowered. The latest development in Zinnias, bearing flowers of mammoth size and in form like a perfect decorative Dahlia. Mixed colors. 3 pkts., 50 cts.		20



A BORDER OF DREER'S IMPROVED DWARF DOUBLE ZINNIAS

PLANT DEPARTMENT



ENTRANCE TO OUR RIVERVIEW NURSERY, RIVERTON, N. J.

PLEASE READ THIS BEFORE ORDERING PLANTS

TIME OF SHIPMENT.—All plants, whether the stock is seasonable or not, are forwarded as soon after receipt of the order as possible. Many of our customers who have facilities for their care, purposely order plants out of season so as to have them on hand when planting conditions are favorable. As we do not know whether you have such facilities, you must specify on the order when you want shipment made, if you do not wish them at once.

RESERVATION OF PLANTS FOR PLANTING TIME.—While we try as far as possible to reserve plants on orders placed in advance, to be sent at planting time, it must be borne in mind that plants are highly perishable, and cannot be packed and stored for future shipment like most other kinds of merchandise. Weather conditions frequently interfere with making such reservations at the time the order is received, and when Spring opens there is usually such a congestion of orders for immediate shipment that it is impossible to make reservations. This is particularly the case during the present period of scarcity of not only skilled, but also common labor. Customers may rely on us doing our utmost in making reservations, but if we fail we assume no responsibility, and all advance orders are accepted on these conditions only.

SAFE ARRIVAL GUARANTEED.—We guarantee the safe arrival of all goods sent by express or mail to points within the U. S. proper. If a package sent by express or mail is injured or lost we will replace it as soon as informed of the fact. Goods sent in any other way are solely at purchaser's risk. Claims for damages must be made on receipt of goods. We do not hold ourselves responsible for failure after delivery of the goods in good condition.

HOW WE SHIP.—All plants, roots and bulbs are forwarded by express, purchaser paying charges. For those of our customers who live at a distance from an express office, making it more convenient for them to receive their goods by parcel post, we will be pleased to forward in this manner such plants, etc., as can be sent in this way at the following additional cost, which must be added to the value of each order for Plants, Roots or Bulbs.

To all points East of the Mississippi River, 10 per cent. extra.
 “ “ West “ “ “ 20 “ “ “

We recommend our customers to have their orders forwarded by express, as our experience shows that this method is usually the most satisfactory, except on small packages.

SHIPMENTS BY STEAMBOAT.—Fast lines of steamboats connect Philadelphia with Baltimore, Boston and Savannah. This forms a convenient, cheap and safe method of transportation, except during severe cold weather.

PLANTS BY RAILROAD FREIGHT.—Shrubs, Hedge Plants and other dormant stock can be forwarded safely by fast freight lines even to distant points at low rates.

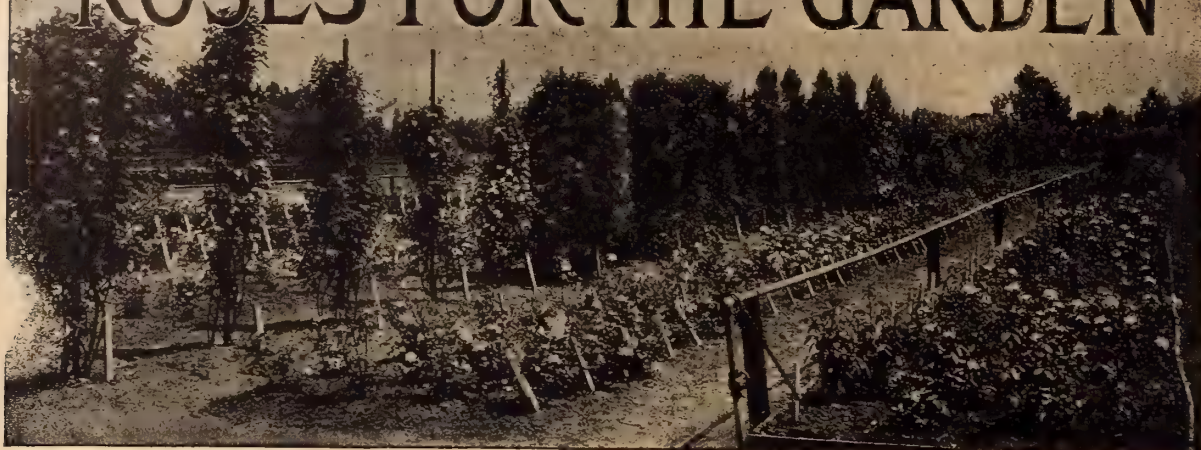
PACKING.—We make no charge for boxes or packing on Express, Freight or Steamboat shipments. The extra labor of packing Parcel Post shipments is included in the additional 10 and 20 per cent. cost noted above.

PLANTING TABLE.—The table below shows the number of plants required to fill a circular bed of the dimensions given. In planting begin outside row—where 6 inches apart, 3 inches from edge of bed; where 12 inches apart, 6 inches from edge of bed. It is customary among professionals in planting a bed to set the plants somewhat closer together in the two outer rows, giving more space between each plant toward the centre of the bed.

Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.	Diameter of bed.	6 in. apart.	12 in. apart.	18 in. apart.	24 in. apart.	30 in. apart.
3 feet	28	7				12 feet	452	113	50	28	18
4 “	48	12	6			13 “	528	132	59	33	22
5 “	80	20	8			14 “	612	153	68	39	25
6 “	112	28	13	7		15 “	704	176	78	44	28
7 “	152	38	17	9		16 “	804	201	89	50	32
8 “	200	50	23	12		17 “	904	226	100	57	36
9 “	256	64	28	16		18 “	1016	254	113	63	40
10 “	320	80	36	20	13	19 “	1132	283	126	71	46
11 “	380	95	42	24	16	20 “	1256	314	139	78	50

A square bed will take about the same number of plants. For an oval bed, add length and breadth and divide by 2. For example, an oval 7 feet long by 5 feet wide will require same number of plants as a circular bed 6 feet in diameter. (117)

Dreer's Specially Prepared ROSES FOR THE GARDEN



PARTIAL VIEW OF ROSE TRIAL BEDS AT OUR NURSERY, RIVERTON, N. J.

While our old customers are familiar with the grade of Roses which we send out, we wish to direct the attention of those who have never planted our stock to the manner in which these plants are prepared. The bulk of our Roses are field grown plants, having been cultivated in fields during the growing season of 1919. In fall they were carefully dug, planted in pots and stored in cold greenhouses or cold frames, where artificial heat is only used to exclude severe frost. Under this treatment the plants develop in the most natural way, and are much superior to stock which has been forced in a high temperature into an unnatural and weakened growth. Our Roses are all strong two-year-old American-grown. With few exceptions our Roses are budded or grafted, and while some planters prefer stock grown on their own roots on account of the liability of budded plants to throw up suckers, this will rarely occur if the deep planting as directed below is followed, and if a wild shoot should appear it is readily distinguished by the most casual observer, and should be removed close to the root. Much can be said in favor of budded plants, being more vigorous, producing finer blooms, come into bearing sooner, and are equally as permanent and hardy as those on their own roots, and many of the choicest sorts do not succeed unless budded or grafted.

HOW TO GROW ROSES

SITUATION.—Good Roses may be grown in any open, sunny position, if possible sheltered from north winds, and clear of all roots of trees and shrubs.

PREPARATION OF THE BEDS.—Roses will grow and give good returns in any fertile, well-drained ground; but it is worth while to use some care in the preparation of the beds, as the general health of the plants, quantity and quality of bloom usually more than repays the extra care expended on this detail. The best soil for Roses is the top soil from an old pasture and well-rotted cow manure. Dig out the bed to a depth of two feet or more, and, if drainage is imperfect, it must be provided for. Fill in with a mixture of soil and manure as above. It is best to make the beds sometime in advance of planting, to allow time for settling. After the soil is settled, it should be about an inch below the level of the adjacent surface; make the beds not over 3½ to 5 feet wide, which enables you to pick the blooms without stepping on the bed.

PLANTING AND SUMMER CARE.—The ideal time to plant Roses as prepared by us is in the spring, just after danger from severe frost is passed.

Tea and Hybrid-Tea varieties can be set 18 inches apart, Hybrid Perpetuals two feet apart, and both eight inches from the edge of the beds. When the plants are supplied in pots, they should be set so that the ball of earth is about two and one-half inches below the level of the ground. Firm the soil well around the plants, and give a thorough watering if the soil is dry. Throughout the summer the surface of the soil should be cultivated weekly. If this is done, watering will be rarely necessary.

PRUNING.—The Roses sent out by us in spring require no further pruning; they are ready to plant as received. For instructions how to prune during succeeding seasons, see the directions given under the headings of the different classes in the pages following.

WINTER PROTECTION.—In this latitude we have found that the most satisfactory protection is to draw up a mound of soil from 8 to 10 inches high around the base of the plant, then covering the entire beds after the ground begins to freeze with any loose material, such as strawy manure, evergreen boughs or corn stalks, and in more severe climates heavier covering is all that is required.

ENEMIES.—When grown under favorable conditions, Roses are not apt to be attacked by insect pests or other troubles as they are if half starved and otherwise neglected. Our own experience shows that a weekly application of Bordeaux Arsenate of Lead Mixture, at the rate of eight ounces to five gallons of water, applied with a whisk broom, or any sprayer that will reach the under side of the foliage, beginning at the time that the plants have developed into active growth, and continued throughout the season, will keep them free of almost all insect pests, as well as fungous diseases, but if in spite of this spraying, mildew should affect the foliage, use Sulphide of Potassium at the rate of one-half ounce to one gallon of water. This is sometimes effective where the Bordeaux Mixture fails. It may be necessary to supplement this treatment with several applications of any tobacco solution, or tobacco dust, for green fly or aphids, which may appear during the growing season.



DREER'S SELECT LIST OF HYBRID-TEA ROSES

Under this heading we offer on this and the six pages following the **World's best Hybrid-Tea varieties**, all of them sorts which we have had the pleasure of thoroughly testing in our own trial grounds, and which we fully endorse and recommend to the large and small planter, which, together with the newer sorts offered on pages 128 and 129, form what is undoubtedly **the finest collection of Hybrid-Tea Roses** ever offered to the Rose loving American public. For best results Hybrid-Tea Roses should be severely pruned; the stronger shoots should be cut back to from 8 to 12 inches in height, while all weak, thin wood should be removed entirely.

Admiral Ward (Pernet-Ducher, 1915). A splendid crimson-red, shaded fiery red; it has large globular flowers with curved petals; its growth is vigorous; of desirable spreading habit, with healthy bronzy-green foliage; \$1.25 each.

Amalie de Greiff (P. Lambert, 1914). Destined to become a very popular bedding variety, large, well-formed double flowers, long shapely buds carried on long stiff stems, in color a delicate satiny rose-tinted white. \$1.25 each.

Antoine Rivoire (Pernet-Ducher, 1896). An ideal bedding Rose of large size, exquisite form and coloring, which is soft peach flesh with deeper shadings; the base of the petals yellow.

Arthur R. Goodwin (Pernet-Ducher, 1909). A beautifully rich-colored coppery-orange; "gold of ophir," a visitor to our trial grounds very correctly called it who saw it in one of its stages of development; as the flower matures it opens to a soft salmon pink; a good, full flower, very free and distinct. \$1.25 each.

Augustus Hartmann (Cant & Son, 1914). Brilliant, geranium-red, flushed with orange. A fine Rose, large, well-formed flowers on stout erect stems; strong grower.

Betty (Dickson & Sons, 1905). Early in the season this is a disappointment in the first flowers which it opens, but after it becomes established it produces blooms of marvellous beauty, particularly so in the autumn. Its large, deliciously-scented flowers are of a glowing coppery-rose color, suffused with a golden sheen.

Chateau de Clos Vougeot (Pernet-Ducher, 1908). An ideal Rose of a dazzling color, being a rich scarlet, shaded fiery red, changing to dark velvety crimson as the flowers expand; as dark, but richer in color than the popular Hybrid-Perpetual variety Prince Camille de Rohan; it blooms continuously throughout the season. \$1.25 each.



HYBRID-TEA ROSE AMALIE DE GREIFF

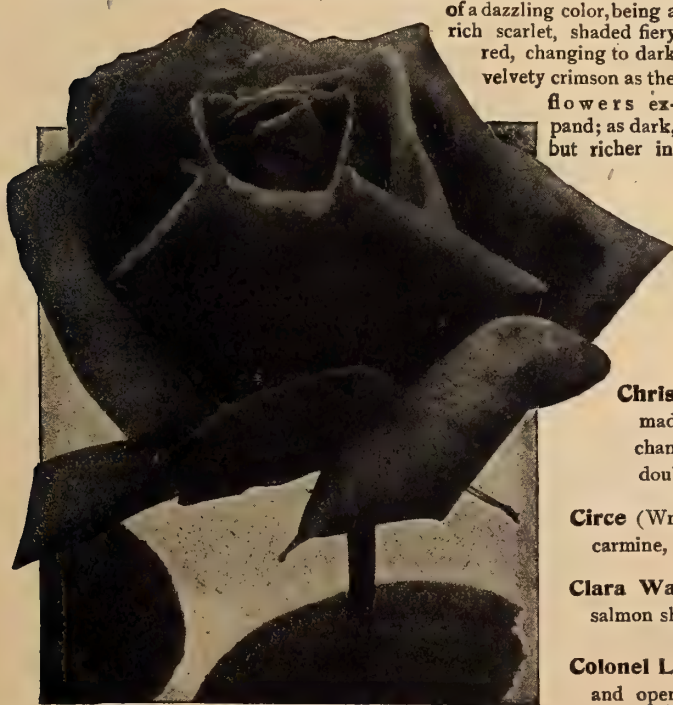
Cheerful (McGredy & Son, 1916). Pure orange flame, the flame shading overspreading the petals, giving it a pleasing effect; flowers large, full and good form; very free. \$1.25 each.

Chrissie MacKellar (Dickson & Sons, 1913). Deep ochre-madder with crimson-carmine pencillings when first opening, changing to pink with orange shadings as they mature; semi-double. \$1.25 each.

Circe (Wm. Paul & Son, 1917). Large full flower, flesh-white shaded carmine, base of petals yellow. \$1.25 each.

Clara Watson (Prince, 1894). A free flowering good pink with salmon shadings.

Colonel Leclerc (Pernet-Ducher, 1909). The buds are well shaped and open to flowers of beautiful cherry-red, washed with carmine-lake. An extra good flower of large size and globular form; fine autumn bloomer.



HYBRID-TEA ROSE ADMIRAL WARD

Price.—Strong two-year-old plants of any of the above, except where noted, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.



Select Hybrid-Tea Roses



HYBRID-TEA ROSE DEAN HOLE

Constance (Pernet-Ducher, 1915). A free-flowering variety, producing beautiful long orange-yellow buds of perfect form; these are more or less streaked with crimson; as the flowers fully develop they open to a full globular flower of golden-yellow. \$1.25 each.

Dean Hole (Dickson & Sons, 1904). Silvery-carmine with salmon shadings, large, full, of fine form and very fragrant; a variety of great excellence.

Earl of Gosford (McGredy, 1912). Deep crimson with deeper shadings, a strong vigorous grower, very fragrant.

Earl of Warwick (Paul & Son, 1904). A magnificent Rose and entirely distinct from all other varieties. The flowers are large and full, of beautiful form, and come perfect throughout the season under all weather conditions. In color it is a soft salmon-pink, shaded in the centre with vermillion.

Edgar M. Burnett (McGredy, 1915). Very large, full flowers of splendid form, with large flesh-colored petals tinted rose, an advance on the type of Rose of which the beautiful Lady Alice Stanley is a representative; one of the sweetest scented Roses in existence, even surpassing 'La France' in this respect.

Edith Part (McGredy, 1914). A Rose with a novel and entirely distinct blend of color, which is a rich red with a suffusion of deep salmon and coppery-yellow with a deeper shading in the bud stage of carmine and yellow; very sweetly scented.

Edward Mawley (McGredy, 1911). A beautiful rich crimson, touched with maroon, with a delightful velvety gloss on the petals, which are large, forming a good-sized flower with high globular centre. The growth is strong and the very fragrant flowers are borne in profusion.

Ellen Willmott (Bernaix, 1908). Full cup-shaped flowers, waxy-white tinged salmon, centre flesh-pink.

Etoile de France (Pernet-Ducher, 1905). One of the best of the red varieties that succeeds equally well in all parts of the country; color vivid crimson with darker shadings; very double, of good size and deliciously scented.

Florence Pemberton (Dickson & Sons, 1903). An excellent bedding Rose of vigorous habit of growth flowering profusely throughout the season, continuing in good shape during hot summer weather. In color it is a creamy-white suffused with pink, a fine bold flower with high pointed centre and great depth of petal.

Francis Scott Key (John Cook, 1913). This strong, sturdy growing variety of American origin has proven a valuable Rose for the garden. The flowers are large, very double, well formed and of unusual substance, while in color it is a deep even red. \$1.25 each.

Franz Deegen (Hinner, 1901). Medium sized flowers which are produced in great profusion; color light yellow shading to deep yellow at the centre; very fragrant.

Freifrau Ida von Schubert (P. Lambert, 1912). Very fine long-pointed buds, developing into good-sized, fairly double, sweet-scented flowers of a dark crimson-red.

General Superior Arnold Janssen (Leenders, 1912). In our trial grounds this variety has shown up most satisfactorily; its finely formed long buds are of an effective, deep glowing carmine, and make a splendid long-stemmed cut flower.

George C. Waud (Dickson & Sons, 1908). A beautiful variety, possessing an entirely distinct color—a glowing vermillion with orange-red suffusion. The flowers are large, full, of perfect form and highly tea-scented; very free-flowering.

George Dickson (Dickson & Sons, 1913). One of the most brilliant and perfect high colored varieties; a velvety black scarlet-crimson with glowing scarlet reflexed tips, flowers quite five inches in diameter. Unfortunately not a perpetual bloomer, but this is offset by the brilliant gorgeous display of deliciously fragrant flowers which it furnishes during June, equaled by no other sort.

Gorgeous (Hugh Dickson, 1916). Flowers large, full and exquisitely formed, of an amber yellow, veined with reddish-copper, a most striking and novel color; it is of strong, vigorous habit.



HYBRID-TEA ROSE
ETOILE DE FRANCE

Price. Strong two-year old plants of any of the above, except where noted, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

Select Hybrid-Tea Roses

Grange Colomb (P. Guillot, 1912). An exceptionally free-flowering, vigorous grower. Color soft ivory-white, with salmon-yellow fawn centre; as the flowers mature, they gradually pass to pure white; a splendid bedder.

Gruss an Teplitz (Geschwindt, 1898.) This is a Rose for everybody, succeeding under the most ordinary conditions. In color it is of the richest scarlet, shading to a velvety-crimson; very fragrant, a free, strong grower and in bloom all the time.

His Majesty (McGredy, 1909). Dark crimson, shaded deep vermilion; the blossoms are full; of large size, having wonderful substance; exceptionally sweet scented.

Hoosier Beauty (Dorner & Sons, 1915). Beautiful, well-shaped, long buds and large, full, perfect flowers of an intense, rich, dazzling, crimson-scarlet and deliciously fragrant. The plant is of vigorous growth, and is conceded to be one of the best Roses of its color.

H. V. Machin (Dickson & Sons, 1915). A gorgeous flower of large size described by the introducers as the most magnificent exhibition variety they have yet introduced; in color an intensely black-grained scarlet-crimson, carried on rigid, sturdy stems with ideal foliage.

Irish Fireflame (Dickson & Sons, 1914). A glorious single-flowering variety, bearing its flowers in clusters of five or more; splendid for cutting in sprays in bud form. These buds are wonderfully rich in coloring, a rich deep orange, splashed with crimson, opening to a large single flower of a satiny old-gold, shaded with ochre. \$1.25 each.

Janet (Dickson & Sons, 1916). This is virtually a dwarf "Gloire de Dijon," with large globular-cupped formation, not opening flat, as does its lovely prototype. It is also deeper in color, a pleasing silky salmony-flesh, developing to a deep fawn, a most refined delightfully fragrant flower. \$1.25 each.



HYBRID-TEA ROSE JOSEPH HILL

Jean Note (Pernet-Ducher, 1908). Large, full globular flowers, chrome-yellow, changing to creamy-yellow.

Joseph Hill (Pernet-Ducher, 1904). A perfect gem and remarkably free-flowering; in color a lovely shade of salmon-pink; the perfect flowers are large, full and double.

Josephine (Paul & Son, 1915). A vigorous, strong grower, with large, full splendidly-shaped flowers of a most pleasing rosy-flesh, with salmon yellow shading at base of petals.

Kaiserin Augusta Victoria (Peter Lambert, 1891). This splendid Rose should be in every collection. In color it is a soft pearly-white, tinted with just enough lemon in the centre to relieve the white, remarkably fragrant, beautifully formed flowers on long, graceful stems; a strong, free, healthy grower.

Killarney (Dickson & Sons, 1898). This is the best known of Dickson's famous Irish Hybrid-Tea Roses, and is one of the most popular of our garden Roses. In color it is a sparkling brilliant pink; the blooms are large, the buds long and pointed, the petals very large and of great substance.

Konigin Carola (Turke, 1904). Large flowers perfect in form, both in bud and when fully expanded. In color a beautiful satiny-rose, with the reverse of the petals silvery-rose, very floriferous.

Lady Ashtown (Dickson & Sons, 1904). One of the freest-flowering varieties in the collection, and produces perfect blooms under all weather conditions. The flowers are large, double with high-pointed centre, and are produced on long stems; splendid for cutting; in color a soft rose, shading to yellow at the base of the petals.

Lady Battersea (Paul & Son, 1901). Medium-sized flower of a beautiful cherry-crimson; very free.

Lady Greenall (Dickson & Sons, 1911). Saffron, zoned on a rich creamy-white base, reverse of petals flushed pink. \$1.25 each.

Lady Mary Ward (McGredy, 1913). Rich orange, shaded deeper apricot-orange, with a decided metallic veneering, very brilliant and attractive, and entirely distinct. A strong grower, very free and sweetly perfumed. \$1.25 each.

Lady Pirrie (Hugh Dickson, 1910). Deep copper reddish-salmon; inside of petals apricot-yellow, flushed fawn and copper; an ideal variety admired by every one.



HYBRID-TEA ROSE H. V. MACHIN

Price. Strong two-year-old plants of any of the above, except where noted, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.



Select Hybrid-Tea Roses

La France (Guillot, 1867). An old favorite and a model garden Rose in every way; flowers clear satiny-pink; large, very full, of perfect form and very fragrant.

La Tosca (Schwartz, 1901). Beautiful silvery-pink, with deeper centre; a very vigorous grower, with large double flowers and very free; a splendid bedder.

Laurent Carle (Pernet-Ducher, 1907). Produces its large, deliciously scented, brilliant carmine flowers throughout the season, nearly as good in hot, dry weather as under more favorable weather conditions. A vigorous grower, and as hardy as a Hybrid Perpetual.

Leonie Lambert (P. Lambert, 1914). A splendid silvery-rose shaded salmon towards the centre, flowers of good size, produced singly on very erect stiff stems, very free flowering.

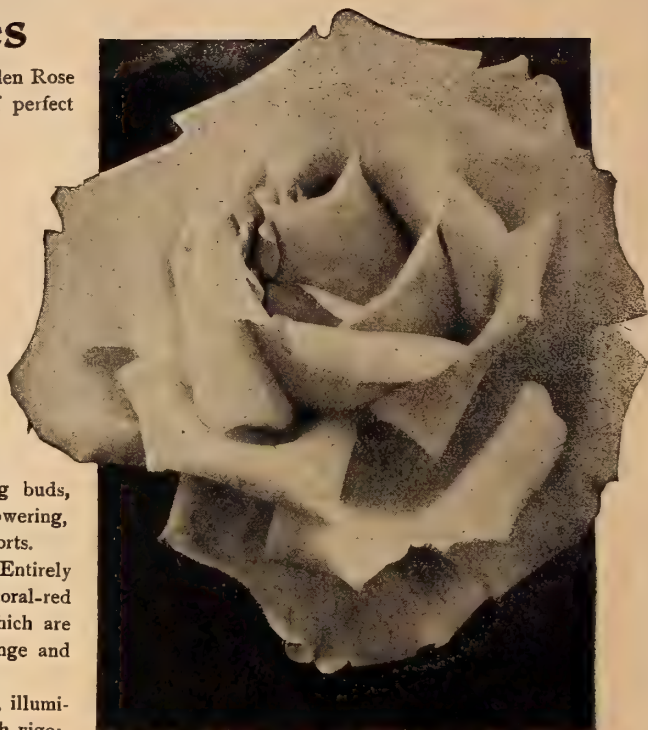
Lieutenant Chaure (Pernet-Ducher, 1907). The rich color, a brilliant velvety crimson-red and its beautiful long buds, together with its vigorous growth and prolific habit of flowering, makes this one of the most desirable of the high-colored sorts.

Louise Catherine Breslau (Pernet-Ducher, 1912). Entirely distinct from all other Roses in color; the buds are coral-red shaded with chrome-yellow, while the expanded flowers, which are very large, are of a superb shrimp-pink shaded coppery-orange and chrome yellow.

Lucien Chaure (Soupert & Notting, 1914). Flesh colored, illuminated with clear rosy-cream, very large, form perfect. Growth vigorous, free flowering, particularly good in the autumn.

Lyon (Pernet-Ducher, 1907). The long buds are tipped coral-red and chrome-yellow at the base. The flowers when expanded are large and full, with broad petals of superb color, being a coral-red or salmon-pink, shaded with chrome-yellow in the centre, toning to a shrimp-pink at the tips.

Mabel Drew (Dickson & Sons, 1911). A magnificent Rose, exquisitely shaped. The blooms are large and full. The color is deep cream, passing to canary-yellow in the centre as the bloom develops, with a delicious perfume and sturdy, vigorous growth.



HYBRID-TEA ROSE
MME. LEON PAIN

Marie Adelaide Grand Duchess of Luxembourg (Soupert & Notting, 1913). Very distinct orange-yellow of good form, fine long buds on erect stems. As the petals unfold they become reflexed in such a manner as to give the flowers a starlike appearance. \$1.25 each.

Marquise de Ganay (Guillot, 1910). Very large full globular flowers, on sturdy erect-growing plants; clear, bright, silvery-rose. A fine Rose that is always in bloom.

Mary, Countess of Ilchester (Dickson & Sons, 1909). A warm crimson-carmine, flowers large, very double, with large, smooth, circular petals and delightfully scented; very free flowering.

Mme. Abel Chatenay (Pernet-Ducher, 1895). Carmine-rose with salmon shadings; long pointed buds and double flowers, a strong grower and very free flowering.

Mme. Charles Lutaud (Pernet-Ducher, 1913). A large, full, globular flower somewhat in the way of Marquise de Sinety, but with deeper colored flowers and a more vigorous habit of growth; buds ochre yellow tinted with carmine; open flowers chrome-yellow.

Mme. Edmee Metz ((Soupert & Notting, 1901). A large, full double flower of elegant form of a rosy-carmine shaded salmon, a splendid bedding variety.

Mme. Edmond Rostand (Pernet-Ducher, 1913). This beautiful Rose is one of our favorites, and might be called an improvement on Prince de Bulgarie, being of more vigorous growth and warmer coloring; a pleasing, soft, delicate flesh shaded with salmon, and reddish orange-yellow centre, from which it varies considerably under various atmospheric conditions, but it is always beautiful; the flower is large, quite double and globular.

Mme. Jules Grolez (Guillot, 1897). A beautiful satiny china-rose color, very bright and attractive flowers, very double, of fine form and remarkably free flowering; a distinct and pretty Rose, which should be planted extensively.

Mme. Leon Pain (Guillot, 1904). Entirely distinct in color, a silvery-salmon, with deeper orange-yellow, shaded centre, the reverse of the petals being a salmon-pink; flowers large, full and well formed; very free-flowering.



HYBRID-TEA ROSE
MME. EDMOND ROSTAND

Price. Strong two-year-old plants of any of the above, except where noted, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

Select Hybrid-Tea Roses

Mme. Marcel Delanney (Leenders, 1916). A surprisingly beautiful variety raised by the introducers of the popular Rose Jonkheer J. L. Mock, and honored with the award of the Gold Medal at the trials of the Bagatelle Gardens at Paris in 1915. It is distinct and peculiar in color, a pale soft pink or rose shaded with hydrangea pink; the flowers are very large, full and fragrant, perfect in form and borne on rigid stems; the growth is vigorous and very floriferous. \$1.25 each.



HYBRID-TEA ROSE MME. MARCEL DELANNEY

Mme. Melanie Soupert (Pernet-Ducher, 1906). For delicacy in coloring it would be difficult to surpass this magnificent semi-double large-flowered variety which is especially fine in the bud form; in color a charming pale tint of salmon-yellow with pink and carmine suffusion. \$1.25 each.

Mme. Segond Weber (Soupert & Notting, 1908). A grand Rose in every way. It is a vigorous grower, free flowering, large, perfectly formed, cup-shaped, fragrant flowers of marvelous beauty. In color it is of that soft tone of salmon-pink which appeals to everyone.

Mme. Theodore Delacourt (Pernet-Ducher, 1913). The long bud is of a rosy-scarlet color, and develops into a large, fairly double, globular flower of a reddish-salmon shaded with yellow. An excellent garden Rose. \$1.25 each.

Miss Cynthia Forde (Hugh Dickson, 1909). Flowers of great substance, color a deep brilliant rose shading on the back of the petals to a light rosy-pink. The flowers are large, full, of perfect form, very free flowering and fragrant.

Mrs. Aaron Ward (Pernet-Ducher, 1907). A remarkably floriferous variety of strong, vigorous, but compact growth; the flowers, which are of splendid form, full double, are equally attractive when full blown as in the bud state; in color a distinct Indian-yellow, shading lighter towards the edges; under certain weather conditions, the entire flower will sometimes come a yellow-tinted white, but it is beautiful under all color variations.

Mrs. Ambrose Riccardo (McGredy & Son, 1914). A Rose that is destined to take a leading place among Hybrid-Teas on account of its many good qualities and distinct character. The flowers are of large size, quite double and of good form, in color a tender flesh-pink suffused with honey-yellow, sweet scented, a strong grower and free flowering.

Mrs. Arthur E. Coxhead (McGredy & Son, 1910). Claret-red, shaded vermillion towards the edge and a bright rosy sheen towards the base of the petals, giving a distinct illuminated effect to the whole flower; very sweet scented.

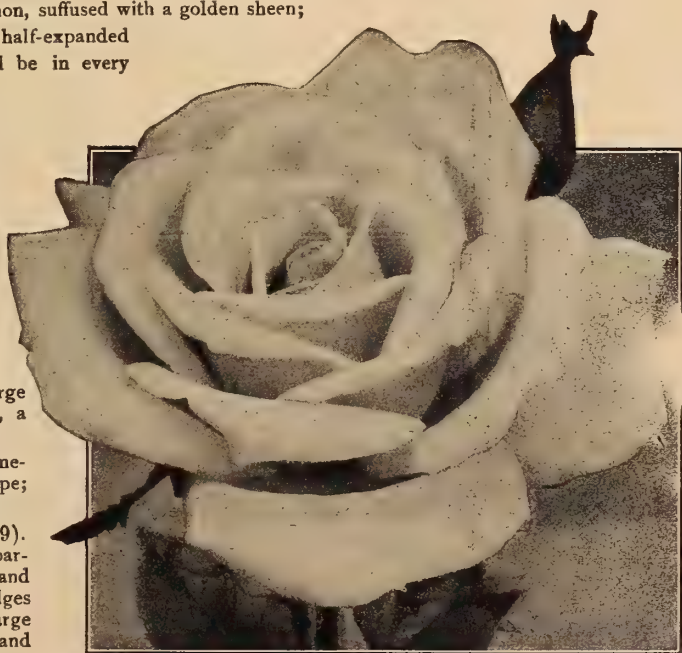
Mrs. Arthur Robert Waddell (Pernet-Ducher, 1908). An attractive colored variety that everyone likes, a delicate, soft, rosy-salmon, suffused with a golden sheen; flowers of medium size, especially handsome in half-expanded form; a free-flowering garden variety that should be in every collection.

Mrs. Franklin Dennison (McGredy & Son, 1915). A Rose of surpassing beauty, very large and full, well formed flowers of porcelain-white veiled primrose-yellow deepening to ochre at base of petals. A strong, vigorous grower, producing its large flowers in the greatest profusion.

Mrs. Mackeller (Dickson & Sons, 1916). In strong habit of growth and freedom of flowering this beautiful Rose compares favorably with such a strong growing variety as Caroline Testout. In color it is a distinct light lemon-yellow, shading to almost creamy-white in warm weather. It has large flowers with full high centres of splendid build, a valuable Rose in every way. \$1.25 each.

Mrs. T. Hillas (Pernet-Ducher, 1913). Chrome-yellow, flowers large and full, of elongated cup-shape; a very desirable Rose of strong hardy constitution.

Mrs. Wakefield Christie-Miller (McGredy, 1909). As a pink bedding Rose there is none better, and particularly so for massing, the flowers are distinct and novel in shape, the petals having wavy or crisped edges not unlike a Peony. The flowers, which are of large size, remain perfect on the bushes for a long time and are produced very freely; they are of a bright pink color with lighter shadings, the plant is vigorous and free.



HYBRID-TEA ROSE MRS. AMBROSE RICCARDO

Price. Strong two-year-old plants of any of the above, except where noted, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

Select Hybrid-Tea Roses

My Maryland (J. Cook, 1909). One of our best bedding Roses, in good condition throughout the season, almost always in bloom, every shoot bearing one or more flowers, which are double and of perfect form, of a bright but tender salmon-pink, which lights up beautifully as the flower expands; delightfully fragrant.

Nerissa (Wm. Paul & Son, 1912). A large perfect flower of a creamy-yellow shaded with white and peach-tinted centre; a strong grower, free bloomer and a splendid bedder.

Perle von Godesberg (Schneider, 1902). A sport, from Kaiserin Augusta Victoria, similar to its parent; a pearly white, but with a deep lemon centre.

Pharisaer (Hinner, 1903). Exceptionally free-flowing, producing long buds, which open into large, double flowers of a rosy white, shading to a pretty soft salmon. A fine garden Rose that never disappoints in quality or in quantity. One of the best.

Primerose (Souper & Notting, 1914). A magnificent bedding Rose, coming melon-yellow during spring, deeper in the autumn, with apricot shadings, a most distinct coloring; flowers large, with long pointed buds. \$1.25 each.

Prince de Bulgarie (Pernet-Ducher, 1902). Large full double flowers of capital form which are produced abundantly throughout the season; a good reliable bedder of a silvery flesh color, deepening to the centre with delicate salmon-rose shadings, a soft pleasing color.

Queen of Fragrance (Wm. Paul and Sons, 1916).

Flowers large, double and of elegant graceful shape and freely produced throughout the season. The color is a beautiful shell-pink, tipped with silver, bright and pleasing. An outstanding quality of this beautiful Rose is its powerful and delicious fragrance, which won for it the Clay Challenge Cup (value \$375.00) at the show of the Royal Horticultural Society of England, as well as a Certificate of Merit from the National Rose Society. \$1.25 each.



HYBRID-TEA ROSE PHARISAER

Reine Carola de Saxe (Gamon, 1903). Large, free-flowering, rosy flesh-pink; a strong vigorous grower.

Senateur Mascurand (Pernet-Ducher, 1909). Long shapely buds opening to a fair sized globular flower; amber-yellow, toning to a light sulphur-yellow; very free flowering.

Souvenir de Gustave Prat (Pernet-Ducher, 1910). An ideal variety, producing its fairly large, globular flowers of a pleasing sulphur-yellow color very freely; the plant is of vigorous habit.

Souvenir du President Carnot (Pernet-Ducher, 1895).

A Rose that pleases everybody; fine in form, of large size and delicate in color; a soft rose shading to white.

Sunburst (Pernet-Ducher, 1912). A superb Rose of good vigorous habit, flowers of fair size of elongated cup form and fine in the bud or half-open flower, color a rich cadmium-yellow with orange-yellow centre.

Totote Gelos (Pernet-Ducher, 1915). A strong vigorous grower of erect branching habit, with shapely long buds borne on stout stems and large full globular flowers; color flesh-tinted white, frequently shaded with chrome-yellow in the centre, particularly so in the Fall flowers. \$1.25 each.

Viscountess Folkstone (Bennet, 1886). One of the first Hybrid-Teas introduced, and still one of the best of its color, which is a creamy-pink, shading deeper at the centre; large, full and very free.

White Killarney (Waban Rose Co., 1909). A pure white sport of the famous and popular Killarney Rose, identical in every way with its parent, excepting in color.

Willowmere (Pernet-Ducher, 1914). This splendid Rose is of a coral-red color, suffused with carmine in the bud state, and opens to a large, full, handsome flower of a rich shrimp-pink, shaded yellow in the centre and flushed carmine-pink towards the edges of the petals.

Winnie Davis (Nanz, 1902). A profuse flowering, clean, apricot-pink, close, well-formed buds of fair size; very pretty.



HYBRID-TEA ROSE
QUEEN OF FRAGRANCE

Price. Strong two-year-old plants of any of the above, except where noted, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

THE "DREER DOZEN"

HARDY EVERBLOOMING HYBRID-TEA ROSES

For many years it has been customary for us to offer under this heading only the very best and most popular, well-tried varieties of Hybrid-Tea Roses, with the majority of which every lover of the Rose is familiar.

We recommend this collection for general planting to the amateur who wishes a limited number of varieties, and who is desirous of a supply of extra choice flowers to cut throughout the summer and fall months. Those who desire a more extensive collection can select with perfect confidence any variety in our collection of Hybrid-Tea Roses offered on pages 119 to 124. There is not one individual sort which we cannot endorse as possessing superior merit, all having been thoroughly tested in our own trial grounds.

Caroline Testout (Pernet-Ducher, 1890)

One of the most popular and valuable bedding varieties, large, full, globular flowers of bright satiny-rose, with brighter centre; very free and fragrant.

Duchess of Wellington

(Dickson & Sons, 1909)

Intense saffron-yellow stained with deep crimson, changing to a deep coppery saffron-yellow as the flowers develop. The flowers are fairly full, with large petals of great substance, delightfully fragrant and very free-flowing.

General

MacArthur

(E. G. Hill, 1905)

A well-known favorite, and one of the best all-around bedding Roses in our collection, it is one of the earliest and most perpetual flowering sorts; its flowers are of good form, of a warm, rich crimson scarlet, and delightfully scented.

Jonkheer

J. L. Mock

(Leenders, 1910)

One of the best bedding varieties. The flowers, which are produced with the greatest freedom on long stiff stems, are of large size and of perfect form, of a deep imperial-pink, the outside of the petals silvery-rose white.

Killarney Queen (Budlong, 1912)

A decided improvement on the popular Killarney, with larger, fragrant, well-formed buds and flowers, which are absolutely perfect in all stages of development; they are of a sparkling cerise-pink color, shading lighter at the base of the petals, a strong, vigorous grower and free bloomer

Lady Alice Stanley (McGredy, 1909)

A gem that everyone admires; it is absolutely perfect in every way; form, color, size, freedom of bloom and fragrance, are all fully developed; in color it is a beautiful shade of coral-rose, the inside of the petals shading to flesh-pink with deeper flushes.

Lady Ursula (Dickson & Sons, 1908)

A truly magnificent Rose of vigorous, erect growth; exceedingly free blooming during the entire summer and autumn. The flowers produced on every shoot are very large, full and of great substance and perfect form, with high centre, from which the petals gracefully reflex; in color a delightful tone of flesh-pink, distinct from all others; delicately tea-scented.

Mme. Edouard Herriot

The Daily Mail Rose

(Pernet-Ducher, 1914)

Winner of the Gold Cup, which was offered by the London *Daily Mail* for the BEST NEW ROSE, exhibited at the International Horticultural Exhibition, held in London, England, May, 1912; also awarded Gold Medal by the National Rose Society of England, 1913.

In color its buds are coral-red, shaded with yellow at the base, the open flowers of medium size, semi-double, are of a superb coral red, shaded with yellow and bright rosy-scarlet passing to shrimp-red.

Mme. Jules

Bouche

(Croibier, 1911)

While not a pure white, it being at times slightly tinted with blush on the reverse of the petals, we consider it one of the best white bedding Roses. It is quite double, and of fine form in bud as well as in the fully expanded flower; a strong grower and very free flowering.

Ophelia

(Wm. Paul & Son, 1913)

A variety which has made such a record for itself that qualifies it to be classed with the very best, a Rose that is admired by every one,

its flowers are held erect on long stiff stems, are of perfect form, large size, and of a most pleasing delicate tint of salmon-flesh, shaded with rose, very floriferous.

Radiance

(Cook, 1909)

An ideal bedding Rose of American origin that continues to produce its large flowers throughout the most unfavorable hot summer weather when frequently many other varieties fail, in color a brilliant carmine-pink, with salmon-pink and yellow shadings at the base of the petals; truly a Rose for every garden.

Red Radiance

(Gude, 1916)

A counterpart of Radiance except in color which is a clear cerise-red, a most valuable addition to our list of bedding Roses.



MME. EDOUARD HERRIOT OR DAILY MAIL ROSE

Price. Any of the above, in strong two-year-old plants, \$1.00 each; \$10.00 per doz.; \$75.00 per 100.

One each of the "Dreer Dozen," a fine collection, for \$10.00.



TEA ROSE, HARRY KIRK

Miss Alice de Rothschild. Free flowering, citron-yellow; very sweet. \$1.00 each; \$10.00 per doz.

Molly Sharman Crawford. Large, full double, delightfully fragrant, free-flowering Rose of splendid form; creamy-white at first, changing to pure white. 75 cts. each; \$7.50 per doz.

Mme. Constant Soupert. Yellow, shaded peach, large double. \$1.00 each, \$10.00 per doz.

Mrs. Myles Kennedy. Delicate silvery white shaded buff, deeper pink in centre. \$1.00 each; \$10.00 per doz.

Mrs S. T. Wright. A "sport" from Harry Kirk, with which it is identical, except in color; the guard petals are of a delicate old gold, while the centre petals are of an orange-chrome with rose suffusion. \$1.00 each; \$10.00 per doz.

White Maman Cochet. Identical except in color, with Maman Cochet; a splendid bedder. 75 cts. each; \$7.50 per doz.

William R. Smith. A cross between Kaiserin Augusta Victoria and Maman Cochet; one of our best bedding Roses; flowers large, of elegant form; creamy-white with rose shadings. 75 cts. each; \$7.50 per doz.

DREER'S SELECT HYBRID-TEA ROSES

We offer a magnificent collection of these. See pages 119 to 125; also pages 128 and 129. For those who want a small but really extra fine collection we recommend the

DREER DOZEN HYBRID-TEAS

fully described and offered on page 125.

DREER'S SELECT TEA ROSES

Tea Roses have always been admired for their delicious fragrance and for their delicacy of coloring, but many of the varieties have now been superseded by the Hybrid-Tea class. The Tea Roses do not require the severe pruning recommended for Hybrid-Teas; cut out all thin wood and cut back stronger shoots to a prominent eye.

Duchesse de Brabant. An old favorite probably the most deliciously scented Rose grown. bright silvery pink, always in bloom. 75 cts. each; \$7.50 per doz.

Harry Kirk. A splendid Rose of free-branching habit, flowering continuously; the blooms are large, of great substance; the form is perfect, the buds long and elegant; color sulphur-yellow, passing to a lighter shade at the edges of the petals. \$1.00 each; \$10.00 per doz.

Hugo Roller. Ground color rich lemon-yellow, the petals edged and suffused with crimson; flowers of medium size, of good shape, and very freely produced. 75 cts. each; \$7.50 per doz.

Maman Cochet. An extra strong grower producing its large buds and flowers in the greatest profusion; color deep rose-pink; inner side of petals silvery rose; very double and exquisite in bud, or when full-blown. 75 cts. each; \$7.50 per doz.

Marie Van Houtte. White, tinted with yellow, often edged with rose; large, full, of fine form and an abundant bloomer. 75 cts. each; \$7.50 per doz.



TEA ROSE, WILLIAM R. SMITH

Hardy Hybrid-Perpetual Roses

The varieties listed below are unquestionably the best that can be selected in the Hybrid-Perpetual class, which, before the development of the Hybrid Teas, was the most popular type for garden planting, and even now they dare not be overlooked, but should be used extensively in conjunction with the other sorts, and especially so in localities where the hardiness of the Hybrid-Tea varieties has not been established. The collection here offered embraces as complete a range of colors as it is possible to bring together in such a number of plants, with freedom of flowering, perfect form, fragrance, hardiness and general excellence.

In pruning Hybrid-Perpetuals cut away all weak growth, and quality of bloom is desired, cut back the strong canes to 8 or 9 inches of the ground, but if quantity of bloom for effect is desired, leave these canes from 2 to 3 feet high, leaving to their strength.

de Bonstetten. Velvety blackish crimson; very large, double, fragrant flowers; a strong grower.

Conness Rothschild. A superb Rose, of pale, satiny-rose, very large.

Captain Christy. Delicate flesh-tinted white; a large, full flower of good form; very free-flowering.

Captain Hayward. Scarlet-crimson, perfect form; sweetly scented.

Clio. Delightful satiny-flesh with deep centre; the flowers are large, globular and borne on long stems.

Frau Karl Druschki. This is the ideal hardy white Rose, pure in color, perfect in form, strong grower and remarkably free-flowering; superb in every way.

General Jacqueminot. Brilliant scarlet-crimson; an old favorite and one of the best-known Roses in cultivation; does well everywhere.

George Arends, or Pink Frau Karl Druschki. A beautiful pink variety; different in color from any other Rose; a free bloomer and one of the best.



HYBRID-PERPETUAL ROSE, ULRICH BRUNNER

Gloire de Chedane Guinoisseau. Very large, full globular flowers of brilliant vermilion-red, with velvety shadings. \$1.25 each.

Gloire Lyonnaise. White, tinted with yellow, large, full and of good shape; very free, distinct and pleasing.

Hugh Dickson. Brilliant crimson, shaded scarlet, good in size and form, very fragrant.

J. B. Clark. Intense scarlet, with crimson shadings; flowers of immense size, that attract great attention.

Ludwig Moeller. A pleasing shade of light amber-yellow, large double, well formed flowers. \$1.50 each.

Magna Charta. Bright pink, suffused with carmine; a beautiful Rose, and a strong vigorous grower; one of the best.

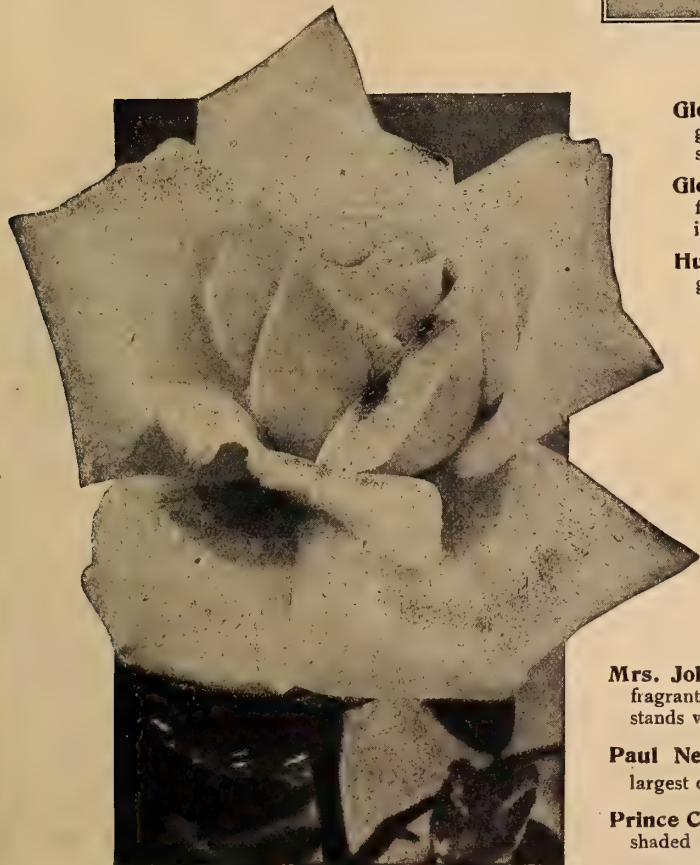
Mrs. R. G. Sharman Crawford. Deep rosy-pink; outer petals shaded with pale flesh; one of the freest bloomers and a beautiful Rose in every respect.

Mrs. John Laing. Soft pink of beautiful form; exceedingly fragrant and remarkably free-flowering; always does well and stands very close to the top among fine Roses.

Paul Neyron. Dark rose of enormous size; perhaps the largest of all.

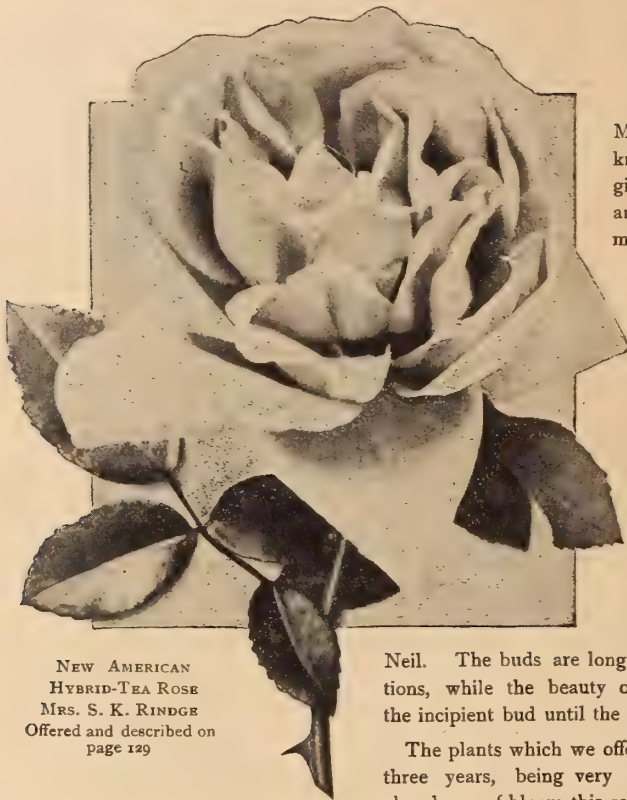
Prince Camille de Rohan. Deep velvety crimson-maroon; shaded scarlet, a magnificent dark rose.

Ulrich Brunner. A bright cherry-red; flowers large and full; a good strong grower and always does well.



HYBRID-PERPETUAL ROSE, FRAU KARL DRUSCHKI

Price. Extra strong 2 year-old plants, of any of the above, except where noted, \$1.00 each; \$10.00 per doz.; \$75. 00 per 100



NEW AMERICAN
HYBRID-TEA ROSE
MRS. S. K. RINDGE
Offered and described on
page 129

GRAND AMERICAN HYBRID-TEA ROSE **LOS ANGELES** (Howard & Smith, 1917)

(Illustrated in colors on the Plate opposite)

We first sent out "Los Angeles" in the spring of 1917. Many thousands of plants have since been distributed, and we know from the many complimentary letters received that it has given more satisfaction than any other Rose we ever handled, and are convinced that within a short time it will become the most popular bedding Rose in America.

Not only is it attracting every Rose lovers attention here at home, but at the Bagatelle Gardens in Paris, France, where competitive trials of new Roses are made from all the renowned growers of the world. Los Angeles was singled out in 1918 as the greatest and most desirable variety shown and awarded the highest prize, a Gold Medal, by unanimous consent of the judges.

Los Angeles is, by all odds, one of the finest Roses ever introduced. The growth is very vigorous, and produces a continuous succession of long-stemmed flowers of a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. In richness of fragrance it equals in intensity the finest Marechal

Neil. The buds are long and pointed, and expand into a flower of mammoth proportions, while the beauty of form and ever-increasing wealth of color is maintained from the incipient bud until the last petal drops.

The plants which we offer this season are the same class of stock as sent out the past three years, being very strong two-year-old California grown, which will give an abundance of bloom this season. Price, \$1.50 each.

YELLOW IRISH HYBRID-TEA ROSE **GOLDEN EMBLEM** (McGredy, 1918)

We showed this beautiful new yellow Rose at the exhibition of the American Rose Society in Philadelphia, March, 1917, where it attracted much attention and was awarded the Society's Silver Medal. It has also been awarded the Gold Medal of the National Rose Society of England.

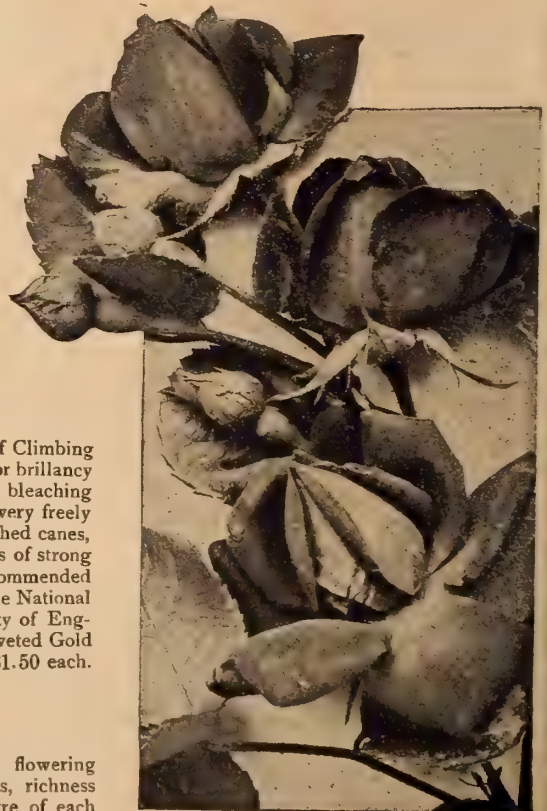
It is a great improvement on Rayon d'Or, the color being richer and deeper, with larger and more perfect blooms. It is so perpetual flowering, that as a garden and bedding Rose, it is without a rival. At its best it surpasses Marechal Niel in shape. Its habit of growth is ideal; free and branching with holly-like, glossy-green foliage; delightfully scented. \$2.50 each.

GORGEOUS NEW CLIMBING ROSE **PAUL'S SCARLET CLIMBER**

This is without question the most important addition to our list of Climbing Roses in many years; no other Rose in any class can compare with it for brilliancy of color, which is a vivid scarlet that is maintained without burning or bleaching until the petals fall. The flowers are of medium size, semi-double, very freely produced in clusters of from three to six flowers each on much branched canes, the plants being literally covered with flowers from top to bottom. It is of strong climbing habit and perfectly hardy. This Rose has been most highly commended by the English horticultural press. It was awarded a Gold Medal by the National Rose Society and an award of Merit by the Royal Horticultural Society of England, and was also awarded during the summer of 1918 the much coveted Gold Medal at the Bagatelle Gardens, Paris. Strong two-year-old plants, \$1.50 each.

NEW RAMBLER ROSE **POUGHKEEPSIE**

A double flowering "sport" of the brilliant and popular single flowering Rambler Rose Hiawatha from which it has inherited all good qualities, richness of color, a brilliant ruby-carmine with just a touch of white at the centre of each flower, together with strong, vigorous, healthy growth with clean foliage which is immune from mildew. Strong two-year-old plants, \$1.00 each.



NEW CLIMBING ROSE, PAUL'S SCARLET CLIMBER



New American
HYBRID-TEA ROSE
"Los Angeles"



New American
HYBRID-TEA ROSE
"Columbia"

Five New American HYBRID-TEA ROSES

We take pleasure in offering this sterling collection of American novelties; three of them productions by the same growers who gave us the Los Angeles Rose, a variety that has proven itself one of the finest bedding Roses ever raised, and we have every reason to believe that the varieties now offered for the first time will prove equally satisfactory.

COLUMBIA (E. G. Hill, 1918)

This beautiful Rose (illustrated in colors on the plate opposite) has not only become one of the most popular winter cut flowers, but has also proven itself one of the best bedding or garden varieties. It is of strong, vigorous habit of growth and exceptionally free-blooming. The flowers, which are of good size, are perfect in form, both in bud as well as when fully expanded. In color it is a most pleasing shade of rose-pink and delightfully fragrant. Strong two-year-old plants, \$1.50 each.

MRS. S. K. RINDGE

(Howard & Smith, 1920)

This is, undoubtedly, the finest yellow Rose we have. While in some stages of development, as well as in growth, it resembles Golden Emblem, it is a stronger grower, and its rich, chrome-yellow flowers as they mature, become suffused with salmon-pink. (Illustrated on page 128.) Strong two-year-old California-grown plants, \$3.00 each.



NEW AMERICAN HYBRID-TEA ROSE
MISS LOLITA ARMOUR



NEW AMERICAN HYBRID-TEA ROSE
WILLIAM F. DREER

MISS LOLITA ARMOUR (Howard & Smith, 1920)

The unique coloring of this novelty is a combination of tints difficult to describe, and is absolutely distinct from all other varieties. The flowers are of large size, full double, with petals of great substance and delightfully fragrant. As the flowers expand they develop to a deep, coral-red with a golden, coppery-red suffusion, the base of the petals a rich golden-yellow with coppery-red sheen. The plant is a strong, vigorous grower, and very free-flowering. A Rose for which we predict great popularity. Strong two-year-old California-grown plants, \$5.00 each.

ROSE MARIE (Dorner, 1918)

A most pleasing shade of clear rose-pink, with ideal long shapely buds which open to very large flowers of good form. The plant is a strong, vigorous, healthy grower, and remarkably prolific. We consider it the best bedding Rose of its color yet introduced. \$3.00 each.

William F. Dreer (Howard & Smith, 1920)

A beautiful Rose of the same parentage as Los Angeles, and which, for delicacy of coloring, is not comparable to any other variety, it reminding one of the delicate tints of some varieties of water lilies. The flowers, which are similar in shape to Los Angeles, and like that variety, beautiful in all stages of development, are at their best in the half-expanded flower. These, in expanding, are of a soft, silvery shell-pink, the base of the petals of a rich golden-yellow which, at certain stages of development, gives a golden suffusion to the entire flower, this golden suffusion being particularly brilliant early and late in the season. Strong two-year-old California-grown plants, \$5.00 each.

We will supply one each of the five varieties for \$15.00.



RAMANAS, OR RUGOSA ROSE

Hybrid=Perpetual Rose "AMERICAN BEAUTY"

We can supply this beautiful *forcing* Rose, but do not recommend it for garden culture. While it is undoubtedly one of the finest Roses when grown under glass under the care of the specialist, it is, as a rule, worthless out of doors, except in favored locations, and we only carry it in stock in the spring of the year to supply customers who insist on trying it. Strong two-year-old plants, 75 cts. each; \$7.50 per doz.

RAMANAS OR RUGOSA ROSES

These lovely Roses form sturdy bushes 3 to 5 feet in height, covered with handsome glossy green foliage and clusters of beautiful fragrant single flowers. They bloom nearly the whole summer, and are equally as attractive during the autumn and winter when covered with their large, brilliant red seedpods. Of healthy, vigorous growth, and equally desirable alike as single specimens or for making a hedge. Rugosa Roses require no pruning, merely cut out dead and superfluous wood.

Rugosa. Rosy-carmine.

Rugosa Alba. Pure white.

Extra strong two-year-old plants, 60 cts. each; \$6.00 per doz.; \$40.00 per 100.

Double Ramanas or Rugosa Roses

Blanc Double de Coubert. A splendid double pure white.

Conrad Ferdinand Meyer. Clear silvery rose, beautiful buds.

Hansa. An attractive double reddish-violet.

Nova Zembla. A hybrid variety; the flowers are large, of fine form, white, with a pleasing flush of pink.

Strong two-year-old plants, 75 cts. each; \$7.50 per doz.
Set of 4 sorts for \$2.50.

NEW PERNETIANA ROSES, or Hybrid Austrian Briers

A new type of Roses, the result of crossing Austrian Copper and Yellow Brier Roses with various other types; they are of strong, vigorous growth, flowering profusely in early summer and producing some bloom during the late summer and fall; a most distinct and interesting class. These should be pruned in the same way as the Hybrid Perpetuals, described on page 127.

Beaute de Lyon. Forms a large, globular flower of splendid shape, of a coral-red color shaded with yellow.

Juliet. Outside of petals old gold, interior rich rosy-red changing to deep rose as the flowers expand; of delicious fragrance.

Price. Strong two-year-old plants, 75 cts. each; \$7.50 per doz.

MOSS ROSES

The beauty of the Moss Rose consists in the delicate mossy covering which surrounds the buds, and gives the opening flowers a unique appearance. Moss Roses should be pruned sparingly; cut out the old wood and merely cut back the growth of last year.

Crested Moss. Rose color, beautifully crested.

Henry Martin. Fine crimson, very vigorous.

Princess Adelaide. Bright silvery rose, large.

Extra strong 2-year-old plants, 60 cts. each;
\$6.00 per doz. Set of 3 sorts, \$1.50.

Hardy Everblooming Hybrid-Tea Roses

This is the best class of Roses to furnish blooms for cutting throughout the summer and fall. See pages 119 to 125, also pages 128 and 129.



Moss Rose



Memorial, or Evergreen Roses

The type of this group of Roses, *Rosa Wichuraiana*, is of Japanese origin, and flowers during June and July. This, as well as the varieties that have originated from it, are of a trailing habit of growth, very hardy, and are recommended for covering graves; hence one of its names—Memorial Rose—climbing over walls, arbors, stumps of trees, or for trailing over rocks or rough ground; in fact anywhere where a climbing or trailing Rose can be used. The foliage is of a leathery texture, of a beautiful shining green, and not only proof against all insects, but is retained on the plants until late in the winter, making them almost evergreen. Pruning should be done in the same way as recommended for the Hardy Climbing sorts. (See page 133.)

Evergreen Gem. Flowers buff, changing to creamy white, very double, foliage dense, of rich bronzy-green.

Gardenia. Buds bright yellow opening double flowers of a cream color; incurving towards evening to the shape and color of a Cape Jessamine; hence its name.

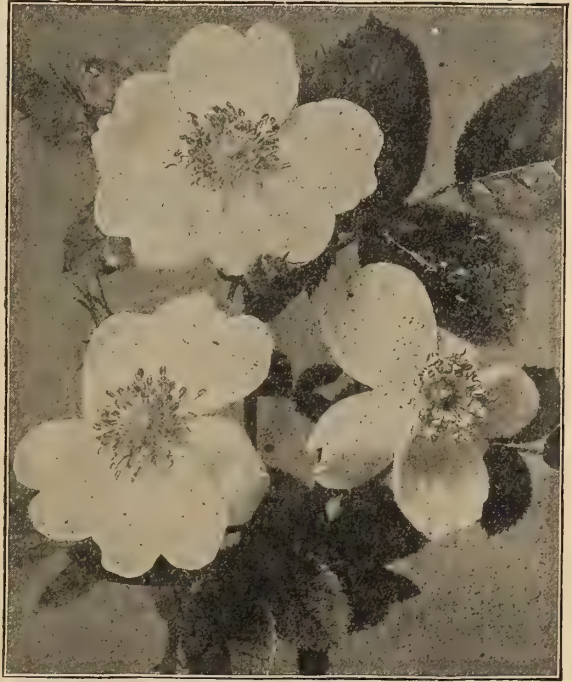
South Orange Perfection. Dwarf trailing habit, double flowers, blush pink at tips, changing to white.

Triumph. Double white flowers, produced in clusters; sweet scented.

Universal Favorite. Flowers very double, of a pretty rose color.

Wichuraiana. Beautiful fragrant single pure white flowers, with yellow stamens followed in fall with bright red hips or berries.

Strong two-year-old plants, 50 cts. each; \$5.00 per doz.; \$40.00 per 100. Set of 6 sorts, \$2.50.



MEMORIAL, OR EVERGREEN ROSES

The Old Favorite Bourbon Rose "HERMOSA"

This old favorite has still many friends on account of the freedom with which its medium sized, bright pink flowers are produced, it rarely being out of bloom from early June until hard frost in the late autumn. Strong two-year-old plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

EVERBLOOMING POLYANTHA ROSES

Cecile Brunner (*The Fairy or Sweetheart Rose*). A Polyantha variety with dainty double little flowers of perfect form produced in many flowered graceful sprays; color a soft rosy-pink on a rich creamy-white ground. 60 cts. each; \$6.00 per doz.

Clothilde Soupert (*Polyantha Rose*). An old favorite, producing in clusters beautiful perfectly double flowers of a French-white, deepening to rosy-blush in the centre; very free-flowering and deservedly popular. (See cut.) 60 cts. each; \$6.00 per doz.

Pink Beauty (*Pink Fairy or Sweetheart Rose*). A sport from Cecile Brunner with the same habit of growth and free-flowering qualities of its parent, but much deeper in color, the buds in the first stages of opening being a deep crimson-pink passing to a lively rose-pink as the flowers expand. This variety we can supply only in strong young plants from 4 inch pots at 75 cts. each.

BRIER ROSES

Persian Yellow. Medium sized deep golden yellow flowers, very hardy; to flower freely should receive little or no pruning. 75 cts. each; \$7.50 per doz.

Sweet Brier. This is the true English Sweet Brier or Eglantine. The single pink flowers are quite artistic, but it is valued most on account of the refreshing fragrance of its leaves. 60 cts. each; \$6.00 per doz.

Two New Hardy Climbing Roses

Paul's Scarlet Climber and **Poughkeepsie.** For description and prices see page 128.



POLYANTHA ROSE CLOTHILDE SOUPERT



TREE-SHAPED ROSES

CLIMBING HYBRID-TEA ROSES

While not as a rule as free flowering as the bush type of Hybrid-Tea Roses, these climbing forms produce a large crop of beautiful flowers in June with a liberal scattering of blooms throughout the season. In pruning this class, cut out all small, thin wood, and cut the strong shoots back to prominent eyes.

Climbing Caroline Testout. A climbing form of the old favorite satiny pink.

Climbing Kaiserin Augusta Victoria. The climbing form of this most popular white Rose; very free.

Climbing Lady Ashtown. The best of all the climbing Hybrid-Tea varieties. A plant in the most exposed part of our Nursery, with very little protection, has withstood the past six winters, producing not only an immense crop of its very large soft rose-colored flowers in June, but continuing to bloom almost without intermission until the end of the season. \$1.50 each.

Price. Any of the above, except where noted, in strong, two-year-old plants, \$1.00 each; \$10.00 per doz. The set of 3 varieties for \$3.00.

TENDER CLIMBING or PILLAR ROSES

These are not hardy in the latitude of Philadelphia, except in favored positions, or with protection; especially adapted to covering rafters, etc., in greenhouses, or for outdoor culture in the South.

Gloire de Dijon. An old favorite; flowers blush with salmon shadings; a fine climber for a sheltered wall.

Marechal Neil. Superb; bright golden-yellow.

W. A. Richardson. A peculiar shade of orange-yellow.

White Banksia. White, small flowers; very fragrant.

Yellow Banksia. Yellow, small flowers; very fragrant.

Strong two-year-old plants, \$1.00 each; \$10.00 per doz.

TREE-SHAPED ROSES

The following choice varieties can be supplied in tree-shaped form, on sturdy, hardy stems about 3½ feet high. For full descriptions see Hybrid Tea and Hybrid Perpetual Roses in preceding pages.

Betty. Glowing coppery-rose.

Caroline Testout. Satiny rose.

Columbia. Rose-pink. \$5.00 each.

Frau Karl Druschki. Pure white.

General MacArthur. Crimson-scarlet.

George C. Waud. Glowing vermillion.

Gruss an Teplitz. Richest crimson scarlet.

Jonkheer J. L. Mock. Deep pink.

Killarney Queen. Cerise-pink.

Lady Alice Stanley. Coral rose.

Lady Ashtown. Soft rose.

Lady Greenall. Saffron flushed pink.

Lady Pirrie. Deep salmon.

Lady Ursula. Flesh-pink.

Laurent Carle. Brilliant carmine.

Los Angeles. Luminous flame-pink. \$5.00 each.

Miss Cynthia Forde. Brilliant rose.

Mme. Edouard Herriot. Coral-red.

Mme. Jules Bouche. White tinted blush.

Mme. Jules Grolez. Satiny rose.

Mme. Leon Pain. Silvery salmon.

Mme. Segond Weber. Salmon-pink.

Mrs. Aaron Ward. Indian-yellow.

Mrs. Ambrose Riccardo. Yellow suffused rose.

Ophelia. Delicate salmon-flesh.

Pharisaer. Rosy-white.

Radiance. Carmine-pink.

Red Radiance. Cerise-red.

White Killarney. Pure white.

Price. Any of the above, except where noted, \$3.00 each.

NOTE.—As the stock of some of the above varieties is limited please name second choice or state if we are permitted to substitute nearest in color and habit.



CLIMBING HYBRID-TEA ROSE LADY ASHTOWN

HARDY CLIMBING AND RAMBLER ROSES

We offer on this and the next page a selection of the best modern Hardy Climbing and Rambler Roses.

Climbing Roses require no pruning in the spring beyond the cutting out of very old or dead wood and the shortening of the laterals and long canes to make the growth conform to the space to be covered; but a severe pruning in July, directly after they have finished flowering, is beneficial. Cutting away at that time all old flowering wood will encourage a vigorous growth, which will give an abundance of flowers the following season.

AMERICAN PILLAR

A single flowering variety of great beauty. The flowers are of large size, 3 to 4 inches across, of a lovely shade of pink, with a clear white eye and cluster of yellow stamens. These flowers are borne in immense bunches, and a large plant in full bloom is a sight not easily forgotten. (See cut.)

AVIATEUR BLERIOT (The New Yellow Rambler)

We have discarded the old yellow Rambler in favor of this new variety, in which we have a strong-growing plant with beautiful glossy, insect and disease-proof foliage, and bearing large clusters of medium-sized full double flowers of a saffron-yellow, deepening to an almost golden-yellow at the centre.



CLIMBING AMERICAN BEAUTY ROSE



CLIMBING ROSE
AMERICAN PILLAR

CHRISTINE WRIGHT

A most exquisite Rose, of strong climbing habit. The flowers are double, from 3½ to 4 inches in diameter, borne singly and in clusters, of perfect form, beautiful in the bud and in the fully expanded flower; color a most refreshing bright wild-rose pink.

CLIMBING AMERICAN BEAUTY

Its name is somewhat misleading, but it is one of the best climbing Roses; a strong, healthy, vigorous grower, frequently making shoots from 10 to 12 feet long, and good-sized flowers for a climbing Rose that blooms so freely; color a pleasing rose-pink, of splendid form, good substance. (See cut.)

CRIMSON RAMBLER

This was the first of the Rambler Roses, and was introduced from Japan in 1894. It is too well-known to require description. Everyone is familiar with its large clusters of crimson flowers.

DOROTHY PERKINS

Soft shell-pink, flowering profusely in large clusters; very fragrant and lasting; a grand Rose in every way. (See cut on page 134.)

DR. W. VAN FLEET

A Rose, which on account of its dainty color and exquisitely shaped buds and flowers, has become a great favorite. The long pointed buds are of a rich flesh-pink on stems 12 to 18 inches long; splendid for cutting.

EXCELSA

A distinct variety in form, color and habit; vigorous in growth, with healthy dark glossy green foliage. The flowers are very double, produced in large trusses, and almost every eye on a shoot produces clusters of flowers. The color is intense crimson maroon, the tips of the petals tinged with scarlet.

Price. Any of the above, in strong two-year old plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.



HARDY CLIMBING AND RAMBLER ROSES

Hiawatha

There is no other climbing Rose so brilliant as Hiawatha. A brilliant, ruby carmine, with a clear white eye and a mass of golden

stamens—a glowing combination of colors, which can be seen at a great distance.

LADY GAY

A most desirable variety of remarkable vigorous growth, with flowers of a delicate cerise-pink, passing to soft-tinted pink. The effect of a plant in full bloom and the deep green of the foliage is, indeed, charming. (See cut.)

PAUL'S SCARLET CLIMBER

This new climbing Rose is absolutely distinct and is the most brilliant Rose in any class introduced in many years. For full description see page 128. Strong two-year-old plants, \$1.50 each.

POUGHKEEPSIE

This new Rambler Rose is a double-flowering form of the popular Hiawatha. For full description see page 128. Strong two-year-old plants, \$1.00 each.

SILVER MOON

Different from all other Roses, with beautiful semi-double flowers four and a half inches and over in diameter; pure white in color, petals of great substance, beautifully cupped, forming a Clematis like flower.

The large bunch of yellow stamens in the centre adds to its attractiveness.

TAUSENDSCHOEN

Entirely distinct, not only in Ramblers, but in climbing Roses generally. The individual flowers are of a most elegant and graceful form, not stiff or unnatural, but as beautiful as a semi-double Azalea. In color it is a most delicate shade of soft pink when first opening, changing to carmine on the reverse of petals when fully expanded. These are produced in trusses, each truss a veritable bouquet.

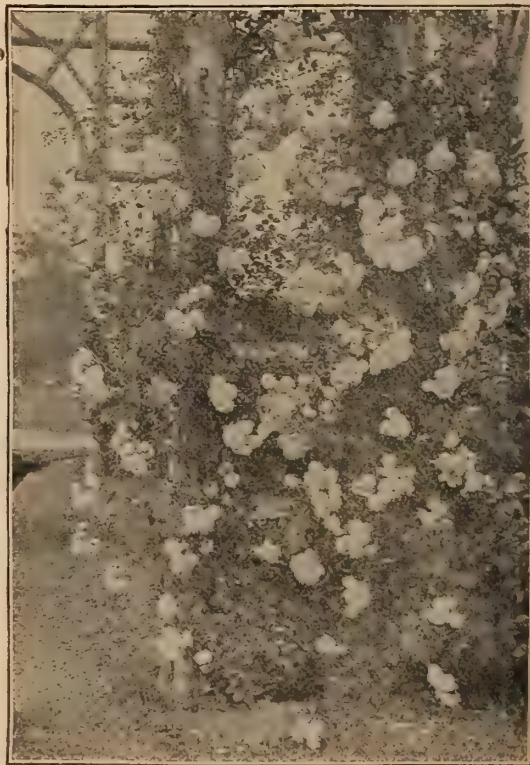
WHITE DOROTHY

Among Rambler Roses none has justly gained greater popularity than the beautiful pink Dorothy Perkins. The White Dorothy is a duplicate except in color.

Price. Any of the Hardy Climbing and Rambler Roses offered on this and the preceding page, except where noted, in strong two-year-old plants, 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Special Offer

One each of the 15 Hardy Climbing and Rambler Roses, including the two new sorts offered on this page, for \$10.00.



CLIMBING ROSE LADY GAY

All Roses are supplied in strong two-year-old plants only

Garden and Greenhouse PLANTS AND BULBS

☞ Please read what we say regarding filling and forwarding of Plant Orders on page 117 ☞

AGAPANTHUS

Umbellatus (*Blue Lily of the Nile*). A splendid ornamental plant, bearing clusters of bright, blue flowers on 3-foot long flower stalks and lasting a long time in bloom. A most desirable plant for outdoor decoration, planted in large pots or tubs on the lawn or piazza.

— **Albus**. A white flowering variety.

— **Mooreanus**. A smaller form than the type with dark-blue flowers; produced very freely.

50 cts. each; \$5.00 per doz.

ALOYSIA (Lemon Verbena)

Citriodora. The well-known popular pot or bedding plant, grown for its richly fragrant foliage. 25 cts. each; \$2.50 per doz.

AMARYLLIS (Hippeastrum)

The Amaryllis is pre-eminently a window-garden plant for the amateur, producing under the simplest conditions gorgeous trumpet-shaped blooms. For full cultural directions see our book, "Dreer's Hints on the Growing of Bulbs." Price, 25 cts. Copies free to customers who ask for it when ordering.

Dreer's American Hybrids. In offering this selection of seedlings we believe that they are the best obtainable at the present time, and we know of nothing that we can recommend that will give the amateur greater pleasure for his window garden. They embody, with vigorous growth, free-flowering habit and enormous size of the individual flowers, a really wonderful range of colors, varying from deep crimson to bright orange-scarlet, and from light rose to almost pure white, many of them beautiful combinations in stripes and variegations. Mixed varieties only in very strong bulbs. 75 cts. each; \$7.50 per doz.; \$60.00 per 100.

Formosissima (*Jacobean Lily*). Brilliant crimson, free and early. 20 cts. each; \$2.00 per doz.



AGAPANTHUS UMBELLATUS

AMORPHOPHALLUS

(Devil's Tongue, or Snake Palm)

Rivieri. Particularly handsome plant for growing either in clumps or as a solitary specimen. Should be planted in May in warm, sunny situation in extra rich soil; the flowers appear before the leaves and rise to a height of 2 feet and resemble a gigantic black Calla. This is soon followed by the massive tropical-looking leaves, supported by thick, beautifully marbled stems. Large bulbs, 50 cts. each.

ANTIRRHINUMS (Snapdragon)

Large-flowering Half-dwarf. Popular plants for bedding and for cutting. We can supply the six distinct and beautiful varieties offered and described on page 65. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

ASPARAGUS

Plumosus Nanus (*Asparagus Fern*). If there is a better plant for table decoration than this we do not know it. The foliage is more delicate than that of the finest Fern, being lace-like in its fineness. A plant with half a dozen stalks is a mass of dainty, misty green, among which the stems of a few flowers can be thrust in such a manner as to make a pretty decoration for the table. 25 cts. and 50 cts. each; \$2.50 and \$5.00 per doz.

Sprengeri (*Emerald Feather*). Excellent for hanging-baskets, for bracket use and for cutting. It is one of the best of all plants for the window-box when planted on the outside, where it can droop over the edge of the box. 25 cts. and 50 cts. each; \$2.50 and \$5.00 per doz.

Scandens Deflexus. A comparatively scarce variety, similar in habit of growth to *Sprengeri*, but with finer, lighter green foliage. May be used for the same purposes as *Sprengeri*, and is particularly nice when grown as an individual specimen plant. 50 cts. each.



DREER'S AMERICAN HYBRID AMARYLLIS



FANCY-LEAVED CALADIUMS

Dreer's Superb Late-branching ASTERS

This is the finest type of China Aster for the amateur, being of strong, robust habit, growing 2½ feet high and bearing their large Chrysanthemum like flowers from August to October. We can supply nice plants in May and June of the 8 distinct colors offered below. Illustrated and fully described on page 68.

Azure Blue. A deep rich lavender.

Deep Crimson. Rich and glowing.

Deep Rose. Distinct and fine.

Pale Lavender. Exquisite grayish blue.

Deep Purple. A rich royal shade.

Rose-pink. A lovely shade; very popular.

Shell-pink. Soft and dainty.

Pure White. Perfect in its purity.

\$1.00 per doz.; \$6.00 per 100.



DREER'S SUPERB LATE-BRANCHING ASTER

GOLDEN CALLA LILY

(Richardia Elliottiana)

This is the best of the yellow Callas, its flowers being as large as the popular white variety, but of a rich, lustrous golden-yellow of velvety texture; the foliage is dark green, with translucent creamy-white spots, which adds much to its beauty. Strong bulbs, 50 cts. each; \$5.00 per doz.

FANCY-LEAVED CALADIUMS

No other summer foliage plant equals the Fancy Caladiums in rich and gorgeous, yet soft coloring. All of the varieties are of marvellous beauty for the furnishing of the conservatory during the summer months, for window boxes, or even for outdoor bedding in shady or semi-shady positions. Their culture is fully described in our book, "Dreer's Hints on the Growing of Bulbs." Price, 25 cts., or will be sent free to customers if asked for at time of ordering.

Our collection consists of more than fifty distinct and beautiful varieties. We offer special selections as under:

Choice Standard Varieties. 30 cts. each; set of 12 sorts, \$3.00.

Extra Choice New and Rare Varieties. 50 cts. each; set of 12 sorts, \$5.00.

CALADIUM ESCULENTUM

(Elephant's Ear)

One of the most effective plants in cultivation for beds, borders, or for planting out upon the lawn; they are used extensively in many of the public parks, where their decorative value is greatly appreciated. To obtain the best results it should be planted where it will obtain plenty of water and an abundance of rich compost. When full size it stands six to ten feet high, and bears immense light green leaves, three to four feet long by two and a half wide.

Each. Doz. 100

Large Bulbs ... 30c. \$3.00 \$20.00

First Size Bulbs 20c. 2.00 15.00

Second Size " 15c. 1.50 10.00



CALADIUM ESCULENTUM (Elephant's Ear)

DREER'S LARGE FLOWERING CANNAS

No other bedding plant will give the same uniform good results in our varied and trying climate. They do well in all sections of the country, and stand pre-eminently at the head of the list, succeeding in any sunny position in any kind of soil, but responding quickly to liberal treatment. For best results the beds should be spaded two feet deep and a generous amount of well-decayed manure of any kind thoroughly incorporated, and at all times supplying water freely. For best effect plant in large masses of one color, setting out the plants 2 feet apart. To find the number of plants required for any bed from 3 to 20 feet in diameter see planting table on page 117. All have green foliage unless otherwise specified.

Twelve New and Rare Cannas

Truly marvelous acquisitions, introducing new tones of color and showing the highest development in form and habit.

Carmine Beauty. Deep, bright carmine flowers, freely produced high above the heavy dark green foliage, which has a narrow red margin. The flowers, while not as large as those of Olympic, are of a much brighter and more pleasing tone. $4\frac{1}{2}$ feet. 35 cts. each; \$3.50 per doz.

Cheerfulness. No more appropriate name could be given this brilliant novelty. Its beautiful bright fire-red or deep orange flowers appear early and continue without interruption until frost. Add to the prevailing color a golden border and center, with each petal flaked carmine-crimson, and you may form some conception of this fascinating variety. $3\frac{1}{2}$ feet. 25 cts. each; \$2.50 per doz.

City of Portland. A wonderful bright rosy-pink, much deeper in color than Mrs. Alfred Conard or Hungaria, a free-flowering vigorous grower. $3\frac{1}{2}$ feet. 50 cts. each; \$5.00 per doz.

Fairy Queen. The dwarf compact plants of this distinct novelty are covered with flowers from spring until fall. The plant rarely exceeds three feet in height. The flowers of a clear rose-pink are of medium size, good substance and borne upright on stout stems in great abundance. Each flower has a distinct cream-colored border. We believe this will become very popular. \$1.00 each; \$10.00 per doz.

Flag of Truce. A large-flowered, creamy-white with faint pink dots on each petal. The general effect is white. Not as white nor as tall as Eureka, but quite distinct and valuable. 4 feet. 50 cts. each; \$5.00 per doz.

Golden Eagle. A grand clear golden-yellow, of free upright growth. The flowers are produced in large clusters well above the foliage. 4 feet. 50 cts. each; \$5.00 per doz.

Harmony. Great clusters of good-sized, well-formed, Geranium-red flowers arranged on good stems in such a manner as to give the trusses an almost globular appearance. Carmine-bronze foliage. $3\frac{1}{2}$ feet. 50 cts. each; \$5.00 per doz.

Pocahontas (Bronze-leaved Olympic). Large oriental-red flowers borne on firm upright stems, just high enough above the foliage to show the entire head. The foliage is a dark bronze-green with emerald shadings; the ribs a darker bronze. 4 feet. 35 cts. each; \$3.50 per doz.

Poppy. Intense Poppy-red. Large perfect florets in good trusses over greenish-bronzy foliage; rich and effective. 5 feet. 50 cts. each; \$5.00 per doz.

Remarkable. This effective variety stands out boldly among all other sorts, not only on account of its height (6 feet), but because of the beautiful scarlet-carmine trusses of bloom surmounting the rich green-bronze foliage. 50 cts. each; \$5.00 per doz.

Special Offer. One each of the above 12 sorts, a novel collection, for \$5.00.



Surprise. The brightest red Canna we have. It surpasses in brilliancy all other red varieties, and produces its great trusses with equal freedom. 4 to 5 feet. 50 cts. each; \$5.00 per doz.

The President. When the Canna Firebird was introduced its immense florets and bright red color insured its immediate popularity. In offering The President we may best describe it as possessing all the good qualities of Firebird, enhanced by extraordinary vigor and perfect healthy foliage. It grows to a height of 5 feet, and produces its immense trusses of giant florets in great profusion. The most sensational introduction of recent years. 50 cts. each; \$5.00 per doz.



Dreer's "Peerless Dozen" Cannas

The merits of the varieties making up this collection of Cannas is evidenced by increasing popularity and still more by the fact that with many added novelties we find ourselves unable to make more than one change from last year's set.

We are confident that no more satisfactory set of twelve popular priced Cannas can be assembled.

Eureka. Our own introduction and the best white Canna for all purposes. The large substantial flowers are very freely produced on strong, vigorous plants. 4½ feet. 50 cts. each; \$5.00 per doz.

Favorite. This is the best yellow Canna spotted with red dots. The yellow is intense, and the dots, not too pronounced, add to the beauty of the flowers without detracting from the golden mass. This variety received the highest award at the 1917 meeting of the Society of American Florists; 4½ feet.

General Merkel. One of the earliest and freest-flowering varieties, holding its flowers well above the foliage; in color a brilliant scarlet, suffused with orange, the base and edge of petals marbled golden yellow; 4 feet.

King Humbert. The most popular Canna. Great orange-scarlet flowers surmount the vigorous dark bronze foliage throughout the season; 5 feet.

Meteor. Magnificent bedding variety with massive erect trusses of deep blood-red flowers, produced with a freedom that leaves nothing to be desired. The best deep red large-flowered Canna; 5 feet.

Mrs. Alfred Conard. One of the very best Cannas in commerce today. The large exquisitely shaded salmon-pink flowers are produced in great abundance on robust upright stalks; 4 feet.

Orange Bedder. Our own introduction. Superior to all preceding varieties of this color. Awarded Certificate of Merit by the Society of American Florists, 1917. Particularly attractive bright orange, with just enough scarlet suffusion to intensify the dazzling mass of color. A very free bloomer; 5 feet.

Olympic. Rich oriental red, shading lighter toward the centre and dappled carmine. The individual trusses and florets are very large. A majestic, impressive beauty; 5 feet.

The Gem. The immense trusses of flowers are borne well above the foliage on upright stems. Color a deep cream or straw-yellow, dotted with pale carmine; refined. A vigorous grower and free-flowering; 4½ feet.

Wintzer's Colossal. The largest flowering Cannas we have seen. Individual florets often measure over eight inches across. The color is a bright scarlet. The plant is a strong vigorous grower and very free-flowering. It is of the Italian or Orchid-flowering type and very striking; 5 feet.

Wyoming. A splendid bedder, with bright orange flowers, on massive purplish-bronze foliage, making a strong contrast; 6 feet.

Yellow King Humbert (Queen Helene). Offered by us for the first time in 1917. It has proven so satisfactory that

there is a possibility that the demand for it may equal that of King Humbert in a few years. Identical with King Humbert in habit of growth and flowering, and produces yellow flowers, dotted with red, and has green foliage; 5 feet.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One of each for \$2.50.

NEW AND RARE CANNAS

The twelve sorts offered on page 137 are of unusual merit, and represent the highest development in Cannas to date.

CESTRUM PARQUI (Night-blooming Jessamine)

An interesting tender shrub of easy cultivation, with small greenish white flowers of delightful fragrance, which is dispensed during the night only. 25 cts. each; \$2.50 per doz.

CLIVIA MINIATA (Imantophyllum)

A pretty lily-like plant of the easiest culture, and a most desirable house plant, it flowers during the spring and summer months, remaining in bloom for a long period. The flowers are about 2 inches long, and are borne in dense clusters of from 10 to 20 flowers each; in color it is of a fine orange-red, shading to buff. Strong plants, 75 cts. each.



CANNA
MRS. ALFRED CONARD



CLIVIA



EARLY FLOWERING CHRYSANTHEMUM

Early Flowering Chrysanthemums

The varieties offered below are such that can be depended upon to furnish, in the open air, under ordinary garden cultivation, an abundance of good-sized flowers. They begin flowering during the latter half of September, and all are in flower by the middle of October or before many of the hardy varieties come into bloom.

Five Recent Introductions

Bronze Goacher. Wonderfully prolific and attractive, of a bright orange, strongly suffused with reddish bronze.

Debutante. Soft lilac-rose of good size.

La Garonne. Unique and attractive rosy blush.

Petite Jean. Large pure white waxy incurved flowers.

Tapis d'Or. Good-sized bright yellow.

Price. 35 cts. each; \$3.50 per doz. Set of 5 for \$1.50.

Twelve Select Early Flowering Standard Varieties

A. Basham. Large salmon shading to yellow at centre.

Cranford White. Immense quantities of medium-sized white flowers.

Cranford Yellow. Profuse flowering medium-sized yellow.

Fee Parisienne. Large deep old-rose.

Goacher's Crimson. Large bronzy-red.

Harrie. Bronze orange-yellow.

La Parisienne. Very free-flowering white.

L'Argenteuillas. Rich chestnut red.

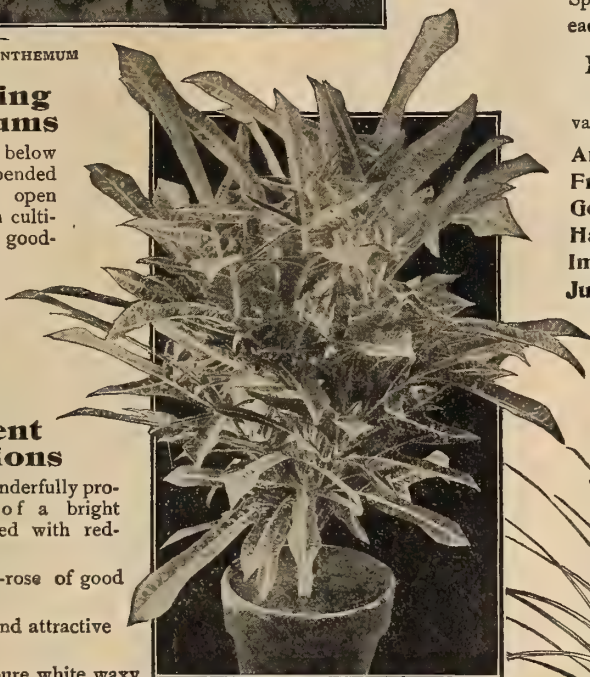
Normandie. Beautiful white slightly tinted pink.

October Gold. Splendid bronzy-yellow.

Perle Chatillonnaise. Sulphur white.

Provence. Bright pink with golden points and centre.

25 cts. each; \$2.50 per doz. Set of 12 varieties for \$2.50.



CROTON

Extra Early Colossal or MIDSUMMER GIANT COSMOS

Indispensable summer and autumn blooming plants, producing their artistic blossoms in lavish profusion. Plants ready May 1. We can supply **White, Pink and Crimson.** 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

CROTONS

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes.

We offer a choice assortment embracing the best standard varieties as well as the most desirable recent introductions. 3 and 4-inch pots, \$1.00 each. Set of 12 sorts, \$10.00. Large plants, \$1.50, \$2.00 and \$2.50 each.

DRACÆNA INDIVISA

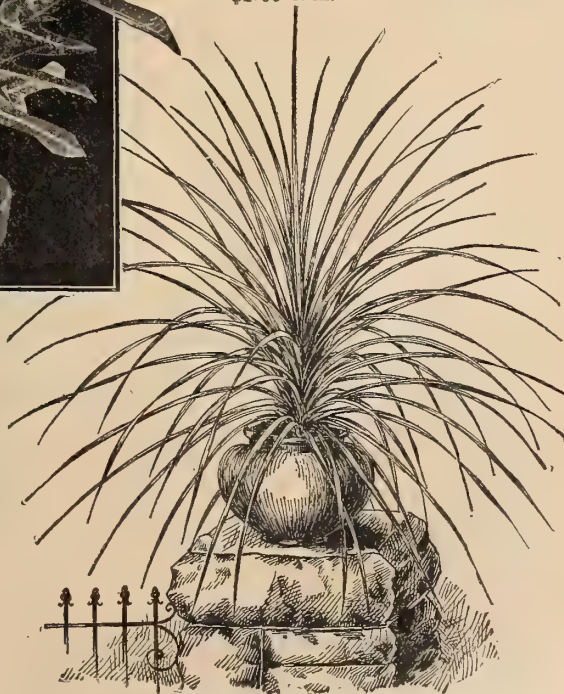
This variety is used very extensively as a centre plant for vases, porch and window boxes, etc. It stands full exposure to the sun, and its long narrow, graceful foliage contrasts beautifully with other plants. 25 cts., 50 cts. and \$1.00 each. Specimens in 8-inch tubs, \$3.00 and \$5.00 each.

Decorative Dracenas

We can also supply the following choice varieties:

Amabilis	Massangeana
Fragrans	Mrs. Eugene Andre
Godseffiana	Mrs. Rufus W. Scott
Harmony	Superba
Imperialis	Terminalis
Junio	

Price. Any of the above in 3-inch pots, 50 cts. each; larger size, \$1.00 each.



DRACÆNA INDIVISA

DREER'S SELECT DAHLIAS

All of the Dahlias offered in this catalogue are supplied in dormant field roots, or strong divisions of proper planting sizes—not clumps. We have discontinued the sale of green or growing plants of Dahlias.

Notes on the culture of Dahlias are included in our book, "Dreer's Hints on the Growing of Bulbs," price 25 cts., or a copy will be sent free to customers who ask for it when ordering.

DREER'S TEN GREAT DAHLIAS

We have singled out these ten varieties from among the Cactus and Decorative types as worthy of every Dahlia fancier's special attention. While some of these are comparatively recent introductions the majority are sorts which we have been growing for a number of years, but to which we have been unable to give the prominence which they deserved, due to the fact that they are either difficult or slow to propagate, and as a result the demand has exceeded the supply. We have now succeeded in working up a fair stock, and take this opportunity to bring them to your notice, feeling certain that everyone who plants them will, the same as we do, appreciate the great merit of each individual variety.

Attraction (*Hybrid Cactus*). A beautiful Dahlia that is greatly admired. The flowers, which measure fully 6 inches in diameter, are composed of gracefully arranged curled or twisted petals of a lively yet soft silvery mauve-rose, with white suffusion. \$1.00 each.

Etendard de Lyon (*Hybrid Cactus*). Everyone stops to admire this beautiful carmine rose giant, which we consider one of the finest varieties for garden decoration. The flowers are distinct in shape from all others; the petals are broad, curled and wavy, and form a flower fully 6 inches in diameter and 4 inches deep, a very large flower, yet without any stiffness or formality; its color is a rich carmine rose or Royal purple, with a brilliant suffusion difficult to describe. \$1.00 each.

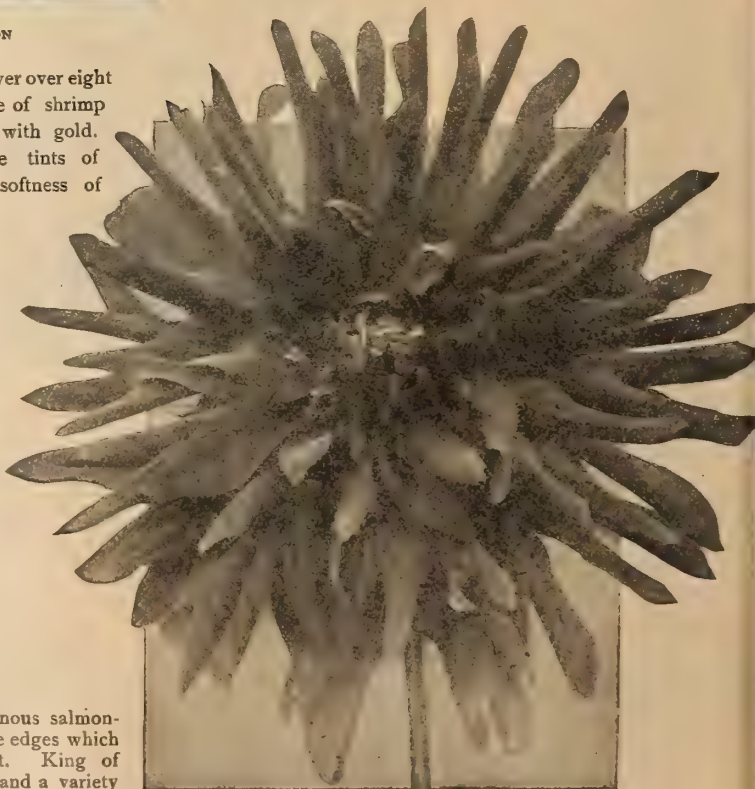


CACTUS DAHLIA ATTRACTION

Hortulanus Fiet (Decorative). A colossal flower over eight inches in diameter, of the most delicate shade of shrimp pink, the tip of each petal barely touched with gold. The entire flower has a suffusion of delicate tints of red and yellow, which gives a glow yet softness of color of great charm. 75 cts. each.

Kalif (Cactus). A truly majestic flower, frequently measuring over 9 inches in diameter, of perfect Cactus form, in color a pure scarlet. The habit of the plant is all that can be desired, growing with us about 4½ feet high; the gigantic flowers, which are produced very freely, are held erect on strong stiff stems, making it a most effective and useful variety for cutting as well as for garden decoration \$1.00 each.

King of the Autumn (Decorative). This is a great Dahlia, both as a cut flower as well as for garden decoration. Its habit of growth is ideal, producing an abundance of flowers of good size, 6 inches or more in diameter, which can be cut with stems four feet long. It is of true decorative form excepting late in the season, when it often develops flowers of the Peony type. In color it is one of the most effective and pleasing autumnal tints, a luminous salmon-pink passing to a golden suffused buff near the edges which is particularly pleasing under artificial light. King of the Autumn, we are convinced, is a winner, and a variety that will become one of the most popular. \$1.00 each.



CACTUS DAHLIA KALIF

DREER'S TEN GREAT DAHLIAS

Continued

Marguerite Bouchon (Cactus). We first offered this variety in 1913, and feel just as well pleased with it now as we did when it was first introduced, and we therefore repeat the description given of it in 1913: "We have no hesitancy in saying that this is the most beautiful Cactus Dahlia yet introduced. It is absolutely perfect in form, color a charming shade of brilliant yet soft rose, with a very large white centre and distinctly defined white tips." \$1.00 each.

Oregon Beauty (Decorative). We doubt if there has been a single visitor to our Dahlia fields in the past four years who has not included this brilliant gorgeous variety in his selection. It has also been prominently displayed at all exhibitions, its rich color, an intense Oriental-red with golden sheen and garnet suffusion, makes it one of the varieties that stands out prominently among all of its neighbors. Add to this large size, long stiff stems, with an unusual freedom of bloom, makes it one of the most desirable garden varieties. 50 cts. each.

Pierrot (Cactus). A unique and striking novelty in color, and of unusual grace and refinement in form, being composed of very long, tubular narrow petals, which are of a deep amber color, usually showing white tips, but even when it comes of a self color without these tips it possesses an individual refinement different from all other sorts. A wonderful exhibition flower and a splendid garden variety. 75 cts. each.



DECORATIVE DAHLIA
KING OF THE AUTUMN
Offered on page 140

Princess Juliana (Decorative). An ideal pure white for all purposes. A splendid cut flower and a good decorator for the garden. It is one of the earliest to flower, and continues in good shape throughout the season. It holds its flowers well above the foliage on stiff, wiry stems. 50 cts. each.

Wodan (Hybrid Cactus). Still holds its place as a great Dahlia, and is unsurpassed in its class. It is a bold, large flower, frequently 7 inches in diameter, a graceful arrangement of semi-incurved tubular petals of a pleasing delicate salmon-rose color, shading to old gold in the centre. 50 cts. each.

Special Offer. One each of the TEN GREAT DAHLIAS offered on page 140 and above for \$6.00.

GIANT DECORATIVE DAHLIA

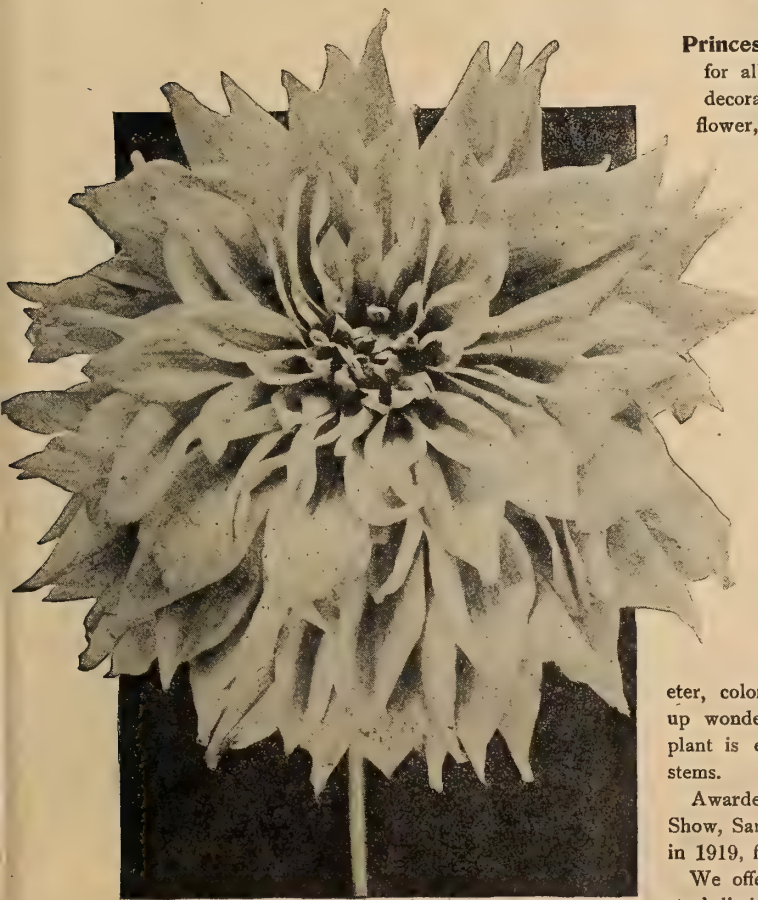
PRINCESS PAT

The Most Sensational Dahlia Novelty
of the Season

A giant decorative of splendid form, producing magnificent flowers 9 to 10 inches in diameter, color a most pleasing shade of old-rose that lights up wonderfully under artificial light. The habit of the plant is exceptionally good, free flowering on good stiff stems.

Awarded first prize for the best seedling at Palace Hotel Show, San Francisco, in 1917, and again at the same show in 1919, for best vase of 25 blooms.

We offer strong divisions ready in April, \$5.00 each, stock limited.



GIANT DECORATIVE DAHLIA PRINCESS PAT



Eight Meritorious AMERICAN DAHLIAS

BREAK O'DAY (Hybrid Cactus)

A good-sized flower with a full, high centre with more or less curved and twisted petals, intermingled with the flatter ones, forming a most attractive, graceful flower. In color, a clear sulphur-yellow, shading to sulphur-white at the tips, the entire flower illuminated by a satiny sheen; early and free flowering and always admired. \$1.00 each.

BREEZE LAWN (Decorative)

This ideal red decorative Dahlia originated some eight years since, but being slow to propagate, we have been able to catalogue it only on two occasions, as usually all available stock is oversold to visitors who see it in our fields; but we have this season, we believe, a sufficient supply to meet all demands. Its flowers are large, frequently over eight inches in diameter, but are not coarse; they have a refinement along with their rich color, an intense fiery red, not found in any other variety. An early and continuous

bloomer, holding its fine quality to the end of the season. \$1.50 each.

FRECKLES (Decorative)

Unquestionably the best fancy decorative yet introduced, producing its good-sized flowers on long stiff stems in great profusion; in coloring it is distinct and unique, the ground color a rich buttercup-yellow, prettily streaked and striped with bright garnet; occasionally, as in all variegated varieties, individual flowers will come self colored garnet. 75 cts. each.



HYBRID CACTUS DAHLIA
BREAK O'DAY

GENERAL PERSHING (Hybrid Cactus)

A splendid white with creamy suffused centre, petals broad, more or less twisted and curled, on long stiff stems; a profuse bloomer and a strong grower. 75 cts. each.

MRS. C. H. BRECK (Decorative)

A fine free-flowering variety of good size, of a soft yellow, deeply suffused with carmine. 75 cts. each.

OLD SOL (Peony)

A splendid garden variety and particularly valuable as a cut flower, the good-sized flowers, borne on long stiff stems, are of a bright primrose-yellow, shaded coppery-red with golden bronze suffusion, the blending of these colors producing a rich golden effect; very free and early. \$1.50 each.

PAUL BONYON (Decorative)

One of those desirable autumn tints, a beautiful salmony pink with a golden sheen that intensifies the color; flowers of perfect form, large size, very free and on fine stems for cutting. \$1.00 each.

QUAKER CITY (Cactus)

Good-shaped full double flowers, each petal being supplemented with from three to six narrow-pointed petals, forming a most artistic flower of a pure primrose-yellow on long stiff stems; a splendid cut flower. \$1.00 each.

We will supply one each of the 8 American Dahlias for \$8.00.



DECORATIVE DAHLIA FRECKLES

CHOICE CACTUS DAHLIAS

We offer on this and the following two pages a complete alphabetical list of the best Cactus sorts of recent introduction together with the older well-tried gems which have made a reputation for themselves.

Ariel. Luminous salmony-pink with golden suffusion, a most pleasing color that is particularly bright under artificial light. \$1.00 each.

Attraction. Described and offered on page 140.

Aviateur Garros. Light sulphur-yellow, shading almost to white at the tips of the broad-pointed petals. Flowers of medium size and borne freely on strong stiff stems. One of the earliest flowering. 75 cts. each.

Bouquet Rose. Dwarf, compact habit; each plant when in flower presents a bouquet-like appearance, covered with gracefully arranged, medium-sized rose-colored flowers. 50 cts. each.

Break O'Day. Described and offered on page 142.

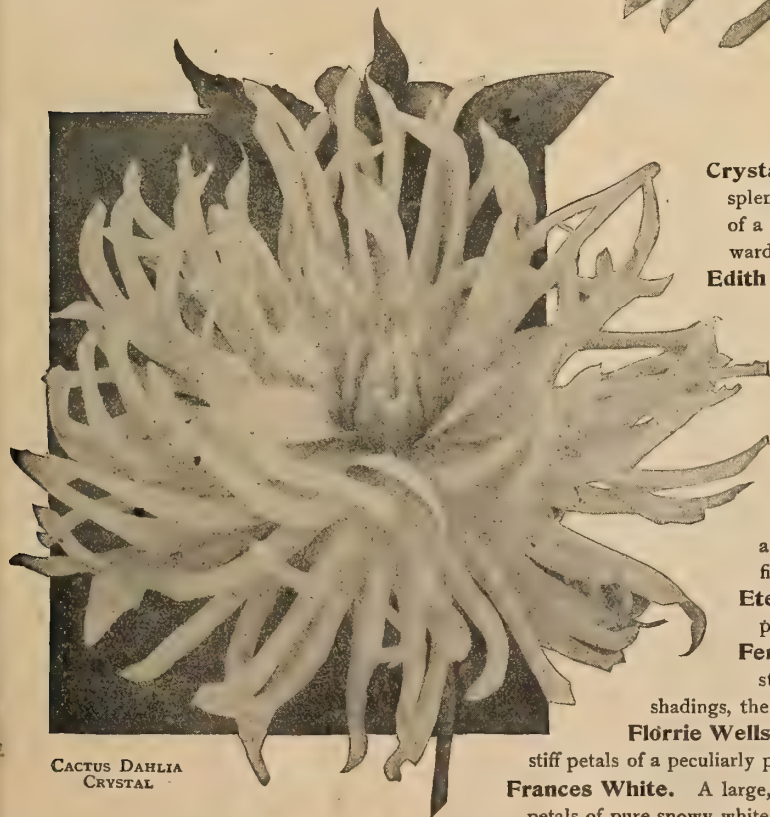
Cavalier. Flowers of medium size, with long incurved petals of an intense rich crimson. 50 cts. each.

Copper Beech. Distinct coppery old-rose, medium-sized flowers produced on plants of which both the stems and foliage are of a dark metallic hue. 75 cts. each.

Countess of Lonsdale. A peculiar but pleasing blending of salmon-pink and amber, a color difficult to describe. This is the Dahlia for the million. Blooms freely under all conditions. 50 cts. each.



CACTUS DAHLIA
EDITH CARTER



CACTUS DAHLIA
CRYSTAL

Crystal. A great exhibition flower of large size and splendid form; long twisted incurved tubular petals of a tender silvery pink, which passes gradually towards the centre to a soft ivory-white. \$1.00 each.

Edith Carter. A good-sized flower of unusual grace and refinement in form and color, which is a bright yellow delicately suffused with bright rosy-carmine. 75 cts. each.

Electric. A large sulphur-yellow with white tips, sometimes sports to a self color either white or yellow. 50 cts. each.

Else. Quite an old variety, but still one of the most charming, of a delicate combination of colors. The base of the petal is of a buttercup-yellow, gradually passing to amber, finished with a tip of Tyrian-rose. 50 cts. each.

Etendard de Lyon. Described and offered on page 140.

Fernand Olivet. Remarkably free-flowering on stiff, wiry stems; brilliant maroon with scarlet shadings, the centre almost black. 35 cts. each.

Florrie Wells. Of very perfect shape, composed of straight, stiff petals of a peculiarly pleasing shade of rosy-crimson. 50 cts. each.

Frances White. A large, deep flower composed of curled and twisted petals of pure snowy white. 50 cts. each.



Choice Cactus Dahlias

Genoveva. One of the freest flowering primrose-yellows; fine for cutting. 50 cts. each.

General J. B. Seth. A rich brilliant scarlet, with orange-scarlet shadings, of perfect form. 50 cts. each.

General Pershing. Described and offered on page 142.

Golden Eagle. Splendidly incurved large flower of a pleasing golden-buff. 50 cts. each.

Golden Gate. A very large hybrid Cactus of a rich deep golden-yellow suffused and shaded fawn, lights up well under artificial light. Long stiff stems; very free. 50 cts. each.

Goliath. Ground color yellow, suffused and tinted with reddish-salmon. 50 cts. each.

Hoffnung. One of those beautiful peach and cream combinations that are always admired. The good sized flowers of perfect Cactus form are salmony old rose illuminated by a golden suffusion in the centre of the flower and each petal lightly tipped with the same color. \$1.50 each.

Kalif. Described and offered on page 140.

Lawine. White, with just a suggestion of blush as the flower matures; a fine, full, large flower. 35 cts. each.

Libellule. Of splendid form, sulphur-yellow shaded with capucine-red; exceptionally free-flowering. 35 cts. each.

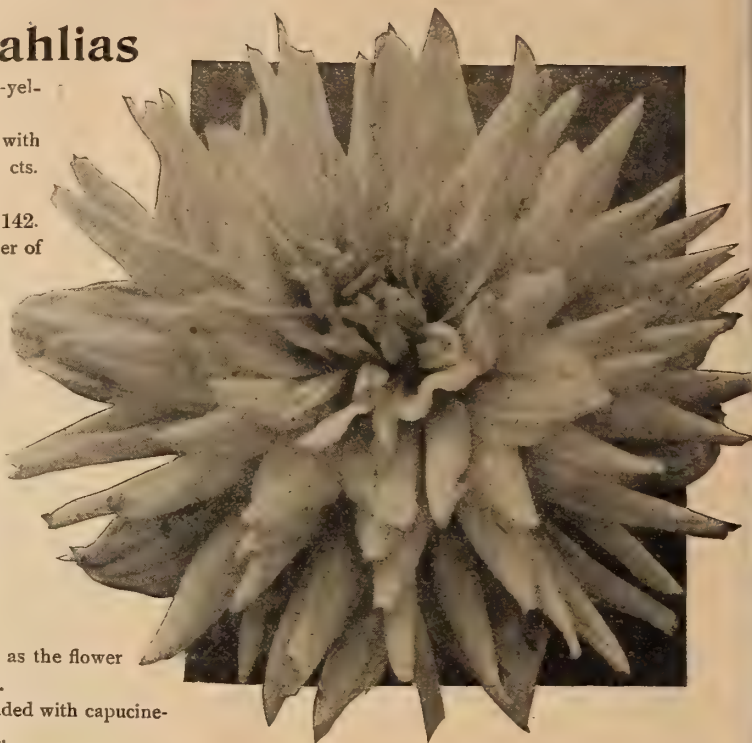
Liegnitz. A broad-petalled hybrid Cactus of large size and of a distinct deep shade of cerise. 75 cts. each.

Marguerite Bouchon. Described and offered on page 141.

Masterpiece. A fine, graceful flower, composed of long, narrow petals of a light salmon-pink, gradually passing to sulphur-yellow at the centre. 75 cts. each.

Melody. A large incurved graceful flower composed of long tubular petals of a soft sulphur-yellow. 50 cts. each.

Mlle. Bertha Gemen. A splendid flower of a rosy-currant-red, suffused with Naples-yellow. 35 cts. each.



CACTUS DAHLIA MME. ESCHENAUER

Mlle. Marie Doucet. One of the freest-flowering; a lovely mauve-pink, passing to a white centre; of good size with fine stems. 75 cts. each.

Mme. Eschenauer. A most delicately colored and one of the earliest and freest flowering Cactus varieties. It is creamy-white with a delicate suffusion of soft mauve-pink, a splendid cut-flower. \$1.00 each.

Mrs. Clinton. Very free-flowering, deep amber gradually passing to a rosy-scarlet. 35 cts. each.

Mrs. J. Emberson. A distinct fancy with large incurved flowers of a pale lemon, splashed with rosy-pink. 50 cts. each.

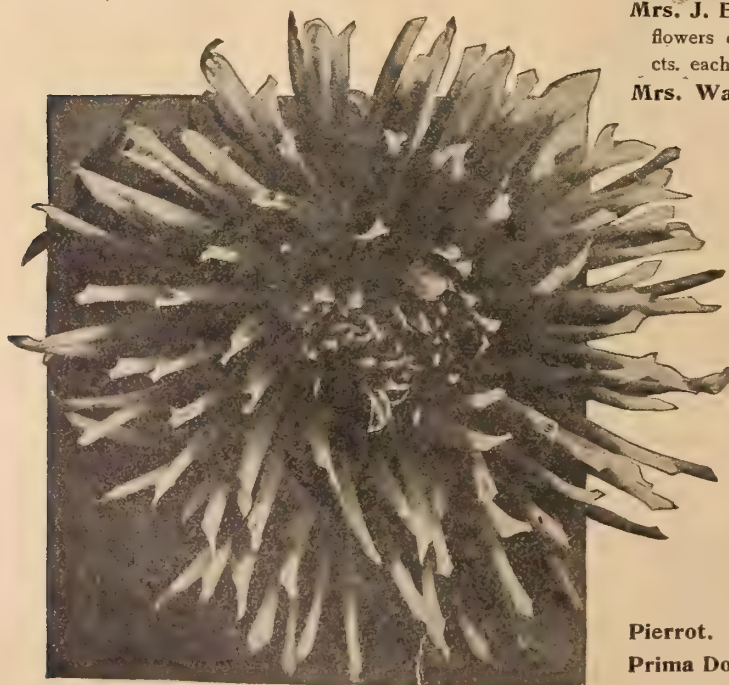
Mrs. Warnaar. A splendid exhibition variety of a creamy-white, with just a faint apple-blossom suffusion; flowers of gigantic size, over 8 inches in diameter, and on strong, stiff stems, petals long and peculiarly twisted and curled. A variety which we unhesitatingly recommend as a novelty of unusual merit. \$2.50 each.

Nancy Mae. An intense scarlet with maroon shadings; flowers absolutely perfect, very free; an ideal cut flower. 50 cts. each.

Nibelungenhort. This is always greatly admired, with flowers from 7 to 8 inches across, composed of rather broad, more or less, curled and twisted petals of a beautiful shade of old rose with golden-apricot suffusion. Very free flowering on long stems. \$1.00 each.

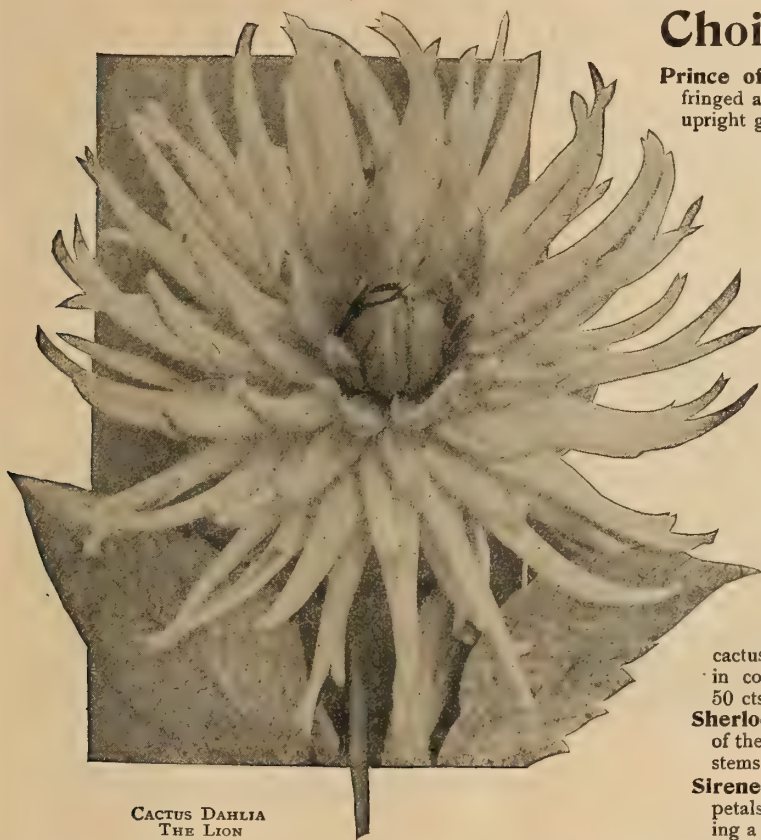
Pierrot. Described and offered on page 141.

Prima Donna. Flowers large, with long, twisted petals, centre ones creamy white, outer delicate mauve-pink. 50 cts. each.



CACTUS DAHLIA PIERROT

Choice Cactus Dahlias



CACTUS DAHLIA
THE LION

The Lion. A large, airy, graceful flower of very regular form, composed of long needle-like petals; color bronzy old-gold suffused and blended with yellow and salmon-pink; very pretty. 75 cts. each.

The Warrior. A pretty medium-sized luminous solferino-red with salmon suffusions. 35 cts. each.

Thos. Obelin. A brilliant fiery-red, of perfect incurved form, produced in greatest profusion. 35 cts. each.

Tricolor. Everybody likes this on account of its distinct and beautiful medley of colors. The ground is buttercup-yellow, with a blotch of scarlet on each petal, and as the flower matures the end of each petal becomes suffused with rosy-white, forming a pretty tri-colored combination. 75 cts. each.

Ulysse. A variety that is admired by all on account of its color, which is an appealing combination of salmon-rose with glowing golden suffusion. Its petals are broad, curling at the tips, forming flowers of excellent quality. \$1.00 each.

Wodan. Described and offered on page 141.

Wolfgang von Goethe. A very large flower, of loose but regular and graceful arrangement that makes it an ideal cut-flower; its color, a rich apricot with carmine suffusion and shadings, is bright, yet subdued, showing up particularly well under artificial light. 75 cts. each.

Yellow King. Very free flowering canary-yellow, of perfect form, a decided acquisition. 75 cts. each.

Prince of Yellows. Of large size with broad petals fringed at the tips; color bright canary yellow; a strong upright grower and very free flowering. 35 cts. each.

Quaker City. Described and offered on page 142.

Rene Cayeux. Brilliant geranium-red; early and free; a great favorite and a splendid companion in red to the popular free-flowering Countess of Lonsdale. 50 cts. each.

Rev. T. W. Jamison. An exhibition flower of large size, made up of long, narrow, thread-like, incurved petals of a bright mauve-pink illuminated with salmon at the base. 50 cts. each.

Rheingraf. A pretty, medium-sized flower of a tender mauve-pink that develops its flowers in sprays, a number of them expanding on the same branch at one time. 50 cts. each.

Rheinkoenig. An ideal white variety, with flowers over five inches in diameter, of splendid form, and borne on long stiff stems held well above the foliage, of great substance, lasting well when cut. 35 cts. each.

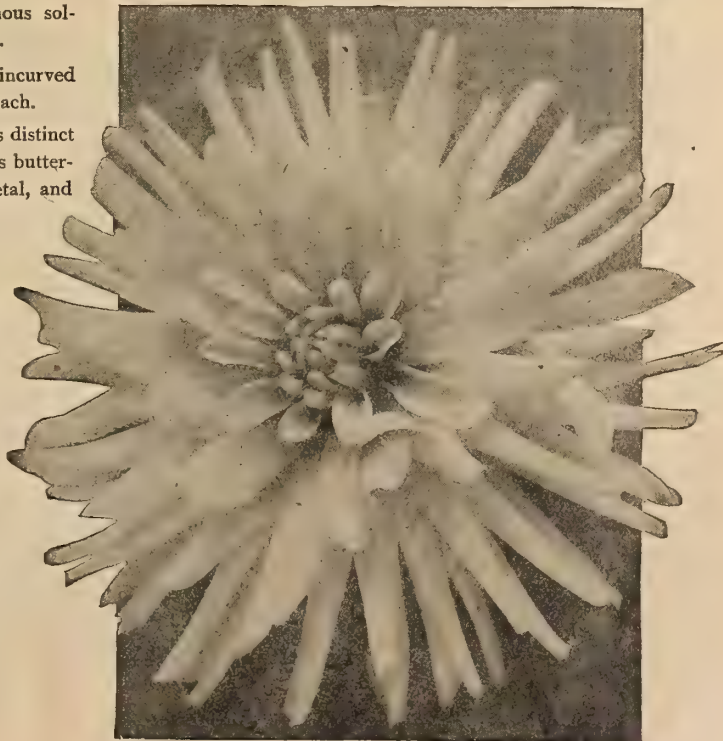
Rosennymphe. A broad petalled hybrid cactus variety reminding one in form of a Water Lily; in color a delicate flesh, shading to a rosy white. 50 cts. each.

Sherlock. Orange scarlet with apricot suffusions, one of the pleasing autumn tints; flowers large, on good stems for cutting. 50 cts. each.

Sirene. A hybrid-cactus variety with the base of the petals very broad but tapering to a long point, forming a star-like flower; color rosy pink, shading to an almost white centre. 75 cts. each.

Standard Bearer. An old and very popular, rich, fiery scarlet variety; one of the freest flowering. 35 cts. each.

Success. A beautiful incurved pure yellow, with long twisted petals. 35 cts. each.



CACTUS DAHLIA, RHEINKOENIG

Select Decorative Dahlias



DECORATIVE DAHLIA
DELICE

The Decorative Dahlias are an intermediate form between the Show and Cactus types. Many beautiful varieties have been introduced, some with flat petals, others reflexed, incurved or curiously twisted; but nearly all are without formality or stiffness, and practically all of them are leaders as cut flowers, bearing their large perfectly formed blooms on long, stiff stems, and standing in good condition longer than most kinds; furthermore, they are of easy culture, and seem to adapt themselves to and succeed under the most varied conditions; a combination which assures their continued popularity.

A. C. Ide. A very large, free-flowering, dark garnet, with maroon shadings. 50 cts. each.

Auguste Nonin. A very large flower of fiery red; valuable for cutting or garden decoration. 50 cts. each.

Belle Inconstant. Ground color primrose-yellow, with the broad petals more or less irregularly marked with carmine-red, usually finishing up with a good-sized yellow tip; occasionally this tip comes pure white. 75 cts. each.

Breeze Lawn. Described and offered on page 142.

Chantecler. Ground color cadmium-yellow, striped, splashed and spotted deep carmine red; very pretty. 50 cts. each.

Cream of the Valley. Creamy pink shading to a crimson tip; very large. 35 cts. each.

Delice. The most popular pink variety. Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting or decorative sorts in the garden. 35 cts. each.

Diplomat. A great garden Dahlia of free-flowering habit; the flowers are borne on long, stiff stems, of good form and a rich garnet color, shading deeper at the centre. 35 cts. each.

Easton. Not extra large, but a variety of brilliant coloring that should be in every collection, good form and remarkable free-flowering habit; in color a brilliant Turkish red. 35 cts. each.

Eventide. A splendid flower of perfect form and large size, on long, stiff stems, and which for all purposes may be termed a white Dahlia, there being but a faint flush of delicate rose on the edge of the flower. 50 cts. each.

Faust. A splendid variety of perfect form and large size, color brilliant luminous carmine with French-purple suffusion. 75 cts. each.

Flamingo. As a cut flower this ranks with Delice, the flowers are of a rich and glowing rose-pink, while it frequently shows an open centre; this does not detract from its beauty. 50 cts. each.

F. L. Bassett. Carmine-purple, shading deeper at centre. 35 cts. each.

Freckles. Offered and described on page 142.

Gaiety. A good variegated or fancy variety; in color a bright strawberry-red, each petal having a broad band of white through the centre. 35 cts. each.

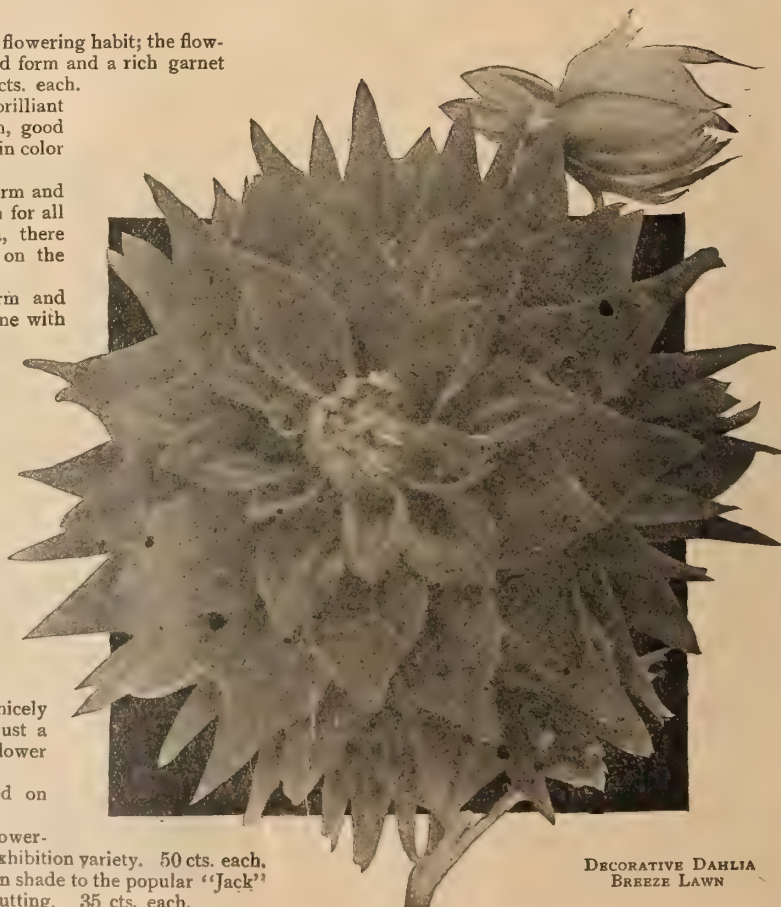
Greuze. A pleasing salmon-buff, very free-flowering, comes peony-formed late in the season. \$1.00 each.

Guillaume de St. Victor. A large, nicely finished flower of an ivory-white, with just a touch of delicate mauve suffusion as the flower develops; very good. 35 cts. each.

Hortulanus Fiet. Offered and described on page 140.

Hortulanus Witte. A very large free-flowering, pure white; a splendid cut flower and exhibition variety. 50 cts. each.

Jack Rose. Brilliant crimson-red, similar in shade to the popular "Jack" Rose; perfect for garden decoration and cutting. 35 cts. each.



DECORATIVE DAHLIA
BREEZE LAWN

Select Decorative Dahlias

Jeanne Charmet. A splendid cut flower variety of a pleasing shade of violet-rose on a lighter ground. 50 cts. each.

Jean Wood. Probably a seedling of Mme. Vanden Daele; a delicate, silvery-rose, but a much shapelier flower than its parent, being of true decorative form. 50 cts. each.

King of the Autumn. Offered and described on page 140.

Kupferberg Gold. A beautiful Dahlia difficult to describe, a pretty shade of shrimp-pink with old rose and gold suffusion. 75 cts. each.

Le Grand Manitou. A distinct and pretty variegated Dahlia. The ground color white, prettily spotted, striped and blotched with deep reddish-violet; occasionally self colored. 50 cts. each.

Lyndhurst. Brilliant cardinal-red. A fine cut flower. 35 cts. each.

Madonna. While rather flat in form it is, nevertheless, very attractive; the petals being more or less curled or twisted give it a most graceful appearance; it stands up well on stiff, wiry stems; color white with just the faintest suffusion of mauve. \$1.50 each.

Manzanola. Brilliant oriental-red with deeper shadings; a fine shaped flower with good stem, very free and ideal for cutting. 35 cts. each.

Mina Burgle. This is the popular California variety. We have been growing it for five years, and consider it one of the best in our collection, it being with us one of the freest flowering decorative varieties; thirty large, perfect, open flowers on one plant at a time being not unusual; in color it is a rich luminous dark scarlet, on long stiff stems, splendid both for cutting and garden decoration. 50 cts. each.

Miss Minnie McCullough. One of the most popular cut-flower varieties now grown, particularly valuable for use under artificial light. Color soft yellow, overlaid with bronze; a beautiful autumnal tint. 35 cts. each.

Mme. A. Lumiere. A very distinct and attractive variety; ground color white, suffused towards the ends of the petals with red, the tips pointed with bright violet red. 35 cts. each.

Mont Blanc. An early, free, continuous flowering creamy-white on good stiff stems. A most important cut-flower variety. 35 cts. each.

Mrs. Chas. H. Breck. Offered and described on page 142.

Mrs. Furbush. The best dark variety, a rich purplish-garnet with maroon shadings; flowers of good size and form, on stiff, wiry stems. 35 cts. each.

Mrs. J. Gardner Cassatt. A large-flowered mauve-pink of a shade that is very pleasing; a fine cut flower. 35 cts. each.

Old Sol. Offered and described on page 142.

Orange King. Rich, orange-scarlet. 35 cts. each.

Oregon Beauty. Described on page 141.

Paul Bonyon. Offered and described on page 142

Perle de Lyon. A most valuable white Decorative Dahlia, and one of the best whites of any class for cut-flower purposes; its flowers are of good size, and held erect on long, stiff, wiry stems. 35 cts. each.

Prince Danilo. Very refined, medium sized flowers, ground color creamy salmon, deeply suffused with carmine-rose. 50 cts. each.

Princess Juliana. Offered on page 141.

Princess Mary. A gem in every way. Of true decorative form; flowers of good size and of the most delicate mauve-pink, shading lighter to the edges and illuminated with gold. \$1.50 each.

Souvenir de Gustave Doazon. Of mammoth proportions, which, under ordinary cultivation, will produce flowers 6 inches across, and can be grown to measure full 9 inches. It is of free growth and pure red in color. 35 cts. each.

Sylvia. Soft, pleasing mauve-pink, changing to white in the centre; a fine cut flower. 35 cts. each.

William Agnew. Rich, dazzling carmine-red. 35 cts. each.

Zeppelin. A soft shade of violet-mauve with silvery suffusion; flowers of medium size very free flowering. 35 cts. each.

Special Offer.

One each of the 47 Decorative sorts for \$25.00.



DECORATIVE DAHLIA
MONT BLANC

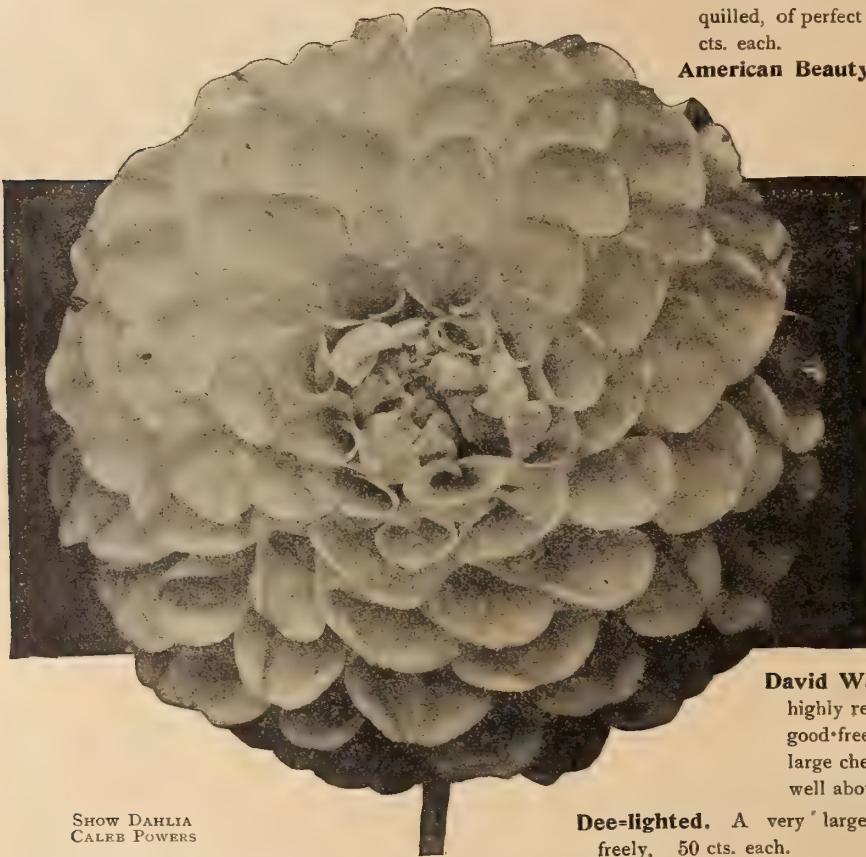


DECORATIVE DAHLIA MINNIE BURGLE



Dreer's Choice Show and Fancy Dahlias

This is the old-fashioned densely double type which will always have many admirers; they are very free, early and continuous bloomers, and are splendid for cutting.



SHOW DAHLIA
CALEB POWERS

A. D. Livoni. A splendid clear pink, beautifully quilled, of perfect form and very free-flowering. 35 cts. each.

American Beauty. One of the very best large shows of a brilliant crimson-red with French-purple suffusion, a rich glowing color, the flowers are produced abundantly on long stiff wiry stems. 50 cts. each.

Caleb Powers. Delicate soft shell-pink of splendid form; remarkably free-flowering, long stems; fine for cutting. 50 cts. each.

Chameleon. Flesh-colored centre, shading to crushed-strawberry, with yellowish blending. 50 cts. each.

Cuban Giant. Very large ball shaped flowers of a bright maroon; free and early. 35 cts. each.

Charles Lanier. Large, rich yellow. 50 cts. each.

David Warfield. A variety that we can highly recommend; a Dahlia of exceptional good free-flowering habit, producing its large cherry-red flowers on long wiry stems well above the foliage. 75 cts. each.

Dee-lighted. A very large pure white produced early and freely. 50 cts. each.

Dorothy Peacock. Large perfect shaped flowers of a bright sea-shell pink color, very early, free and continuous blooming. 35 cts. each.

Dreer's White. Introduced by us in 1909. In color a pure glistening white, resembling in form Grand Duke Alexis, while in freedom of flowering it is not surpassed by any. It has succeeded in all parts of the country, has been much admired at the exhibitions where shown, and has in most cases been awarded the premier prize as the finest white show variety. 50 cts. each.

Dreer's Yellow. The best yellow show Dahlia yet sent out. It is a good grower, an early and profuse bloomer. In general form and make-up the flowers resemble Dreer's White, but they are larger; frequently over seven inches in diameter. The flowers, when fully matured, are perfect balls in shape, and are held rigid and erect on long, stiff stems, making it an ideal cut flower. 50 cts. each.

Emily. Solferino with white markings; very large and free-flowering. 35 cts. each.

Galvanic. Very free-flowering solferino-red, with deeper suffusion, flowers of perfect form. 35 cts. each.

Gold Medal. This is without question the finest fancy Dahlia that has ever been produced. It is not a new variety, but it is only rarely that we have a sufficient supply to enable us to offer it. It is an early continuous bloomer; the flowers are perfect to the end of the season; in color a bright Dandelion yellow, beautifully tipped and suffused with Oriental red. 50 cts. each.

Imperial. A good shaped, free-flowering rich deep purple. 35 cts. each.

Lucy Fawcett. Sulphur-yellow striped and spotted carmine-rose. 35 cts. each.

Merlin. A splendid free-flowering orange-scarlet. 35 cts. each.

Miss Browning. A perfectly formed flower, canary-yellow, sometimes showing a white tip. 35 cts. each.

Mrs. Jefford. A fine large primrose yellow of perfect form. 35 cts. each.

Orlando. A fine salmon-buff, of perfect form. 50 cts. each.

Peeress. Buttercup-yellow with heavy tip of fiery red. 35 cts. each.

Pink Grand Duke. A seedling from Grand Duke Alexis of an even, soft pearly-pink color. 50 cts. each.

Show and Fancy Dahlias are continued on page 149

DREER'S TEN GREAT DAHLIAS

This magnificent collection, as well as the sensational New Decorative Variety Princess Pat, is described and offered on pages 140 and 141

Dreer's Choice Show and Fancy Dahlias

Continued

Princess Victoria. Primrose-yellow; never produces an imperfect flower; in bloom early and late; long stiff stems; fine for cutting. 35 cts. each.

Professor Mansfield. Rich yellow; clear white tips and rosy-red towards the centre. Like all fancy varieties the color is very variable. 35 cts. each.

Red Hussar. Pure cardinal-red. 35 cts. each.

Robert Broomfield. A good pure white double flowers very free. 35 cts. each.

Stradella. Beautiful deep purple crimson; exceptionally free-flowering on long wiry stems. 35 cts. each.

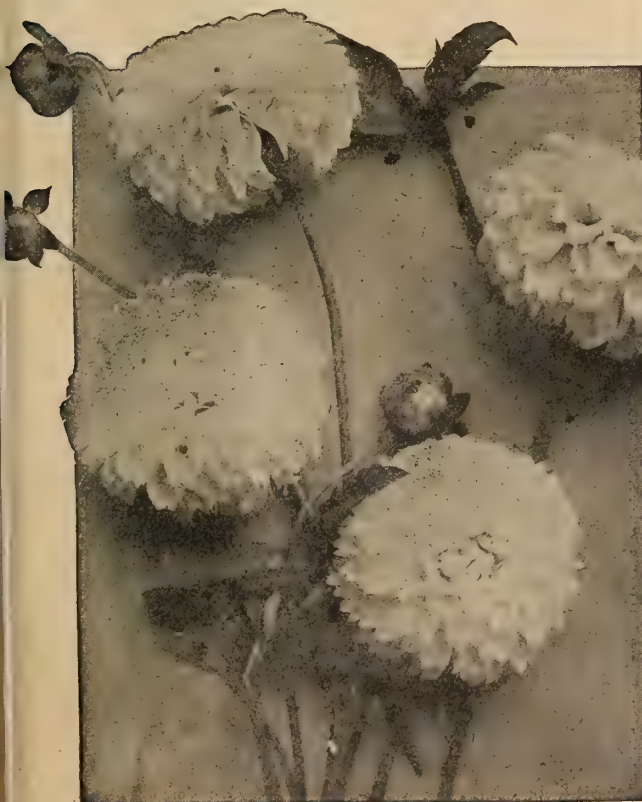
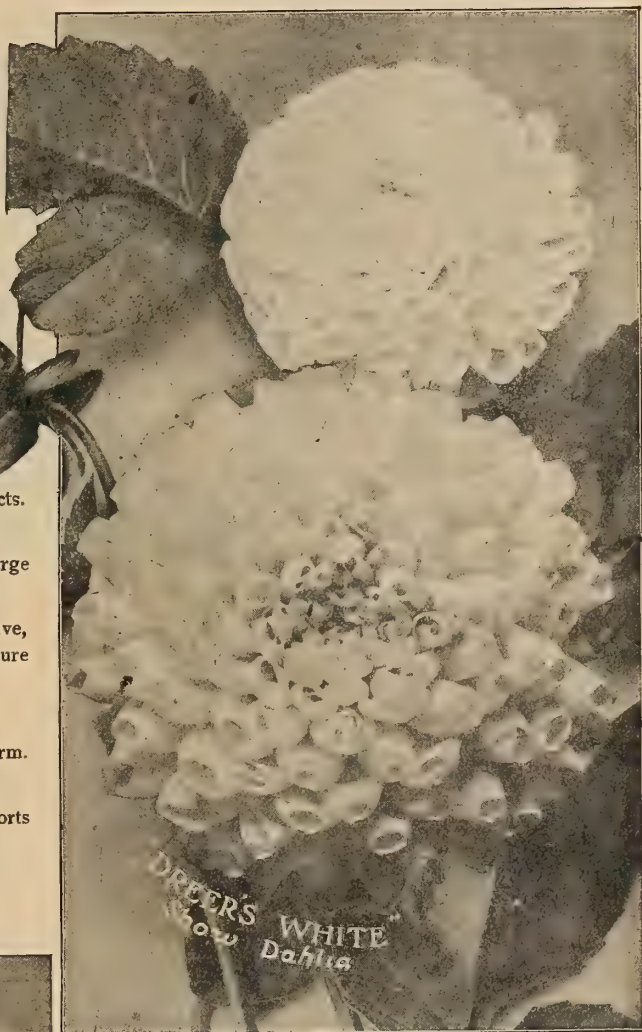
Vivian. White, edged and tipped rose-violet; a fine large flower. 35 cts. each.

W. W. Rawson. An exceptionally fine shaped, massive, large double flower, produced on long stems; color pure white, delicately overlaid with mauve. 50 cts. each.

White Swan. Reliable pure white. 35 cts. each.

Yellow Duke. A splendid primrose-yellow of good form. 35 cts. each.

Special Offer. One each of the 31 Show and Fancy sorts offered on page 148 and above for \$10.00.



DOUBLE POMPON DAHLIAS

While the Pompon varieties are not as extensively grown as the other double types they still have many admirers, their dainty little flowers are produced very freely.

Amber Queen. Rich, clear amber shaded apricot.

Arthur Kerley. Purplish crimson very free.

Bobby. Plum color. One of the best.

Catherine. Well-formed primrose-yellow.

Crimson Queen. Deep crimson shaded purple.

Darkness. Deep velvety-maroon.

Fascination. Pink and lavender blotched white.

Gretchen Heine. A dainty flower of rose tinted white, each petal heavily tipped crimson-carminé. 35 cts. each.

Indian Chief. Crimson, very free.

Kleine Domitea. Orange buff, always in flower.

Kupfer. Coppery orange-buff.

Little Hermann. Deep carmine shaded garnet and tipped white.

Little Naiad. White, tipped amaranth-red.

Phœbe. Coppery orange.

Prince Charming. Cream heavily tipped purple.

Salamander. Golden-yellow, tipped orange red.

Sunbeam. A fine crimson.

Ware's Mars. Beautiful deep red of fine form.

Price. Any of the above, except where noted, 25 cts. each;

\$2.50 per doz.

Collection of one each of the 18 Pompon Dahlias for \$4.00.

PEONY-FLOWERED DAHLIAS

This beautiful type is now very popular. The artistic flowers are very large, and are best compared to the semi-double Peonies in general form. They all flower very freely and are borne on long, strong stems, making excellent material for cutting as well as for garden decoration. The varieties offered include the best of the standard sorts as well as the latest introductions.

Bertha von Suttner. Good sized flowers produced early and continuously remaining of good quality to the end of the season, in color a pleasing salmon-pink with yellow suffusion. 50 cts. each.

Caecilia. Very large; early in the season a lemon-yellow, but as the season advances, a creamy white with yellow sheen in the centre. 50 cts. each.

Cæsar. A splendid free-flowering canary-yellow. 50 cts. each.

Chatenay. A splendid flower on long, stiff stems, of a soft carmine-rose shaded crimson. 35 cts. each.

Chevrefeville. Base of petals yellow, gradually passing to apricot and rose, with citron-yellow points. 35 cts. each.

Cleopatra. Rich oriental-red, base of petals buttercup-yellow, with which the petals are also, in varying degrees, tipped and marked. 50 cts. each.

Comte de la Vaule. A large-flowered, free and showy garden variety of a rich carmine. 50 cts. each.

Dr. Peary. One of the darkest, a brilliant-reddish, mahogany. 50 cts. each.

Fackel. Rich coral-red with golden suffusion passing to saffron-yellow at the edges; an attractive, lively flower on good stems and produced in profusion. 50 cts. each.



PEONY-FLOWERED DAHLIA CHATENAY



PEONY-FLOWERED DAHLIA
GEISHA

Fritzmann. A brilliant geranium-red, and frequently producing flowers which are variegated white, 35 cts. each.

Geisha. The showiest and most attractive of this type yet introduced; the rich colored flowers are original in form, consisting of peculiarly twisted and curled petals, of an effective and rich combination of scarlet and gold. 75 cts. each.

Hortulanus Budde. Very free-flowering; rich rosy-scarlet; particularly attractive under artificial light. 50 cts. each.

Hampton Court. One of the best; a bold flower of good form, of a bright mauve-pink. 50 cts. each.

John Wanamaker. Very free flowering with broad, peculiarly curled and twisted petals of a pleasing shade of violet-mauve. 50 cts. each.

Magnet. Free-flowering, carmine-rose, suffused and marked with white. 50 cts. each.

Time Coissard. To us this is the most artistic and graceful Dahlia of this type yet introduced; its flowers are large, composed of incurving shell-like petals; these are of brilliant French purple or carmine-crimson, freely marked, shaded and suffused with white. \$1.00 each.

Mrs. G. Gordon. A good large lemon-yellow. 50 cts. each.

Queen Wilhelmina. Very free-flowering, pure white, of good form. 35 cts. each.

Riesen Edelweiss. Pure glistening white of large size. 50 cts. each.

Roem Van Nijkerk. A distinct and desirable deep claret-purple; very free-flowering. 50 cts. each.

South Pole. Very large fluffy white, a fine cut flower. 75 cts. each.

The Mahdi. Rich deep carmine irregularly marked and mottled with creamy white. Very distinct and attractive. \$1.00 each.

Variegated Franz Liszt. Very free, large flowering, ground color, rich reddish purple, with white markings. 35 cts. each.

Special Offer

We will supply one each of the 23 Peony-flowered sorts offered above for \$10.00.

NOTE—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



GROUP OF COLLERETTE DAHLIAS

COLLERETTE DAHLIAS

The Collerette Dahlias have single flowers with an additional row of short petals around the disc, forming a frill or collar, which is usually of a different color from the rest of the flower.

Ami Nonin. Dark crimson-carmine, collar white suffused rose; very large.

Balmoral. Deep aniline-red, shaded purple, with long narrow white collar petals.

Dainty. Soft rose, deepening to carmine centre, lemon-yellow collar.

Exposition de Lyon. Bright garnet, yellow collar.

Harmony. Primrose yellow, marked soft purple, collar yellow.

Maurice Rivoire. Ox-blood red and white fringed collar.

Mme. Capron. Brilliant reddish-purple, collar striped white.

Mme. Gyfax. Bright cochineal-red, primrose yellow collar.

Rosette. Giant size, velvety cerise suffused white, white collar.

Souvenir de Chabanne. Lemon-yellow with coral-red markings, collar lemon-yellow tipped white.

Price. Any of the above choice varieties, 35 cts. each.

A collection of one each of the 10 sorts for \$2.50.

New Century Single Dahlias

This giant flowering type of Single Dahlias are now very popular both for garden decoration and for cutting.

Bessie Clark (*Duplex Century*). Early in the season a pretty mauve-pink; this, as the season advances, deepens towards the edges and lightens at the centre, which becomes surrounded by a golden suffused halo. 35 cts. each.

Centaure (*Duplex Century*). Brilliant orange-red, shaded crimson, of very large size. 35 cts. each.

Eckford Century. A pure white, beautifully spotted and pencilled with crimson. 35 cts. each.

Golden Century. A splendid large primrose-yellow. 50 cts. each.

Jack. Brilliant fiery scarlet, the base of the petals overlaid with golden-yellow; the freest flowering Dahlia grown. 35 cts. each.

Hazel Heiter. Bright crimson-carmine with deeper shadings, base of petals canary-yellow. 25 cts. each.

Poinsettia. The name of this variety was suggested by its color and form, which reminds one of the brilliant scarlet Poinsettia which is so extensively grown as a Christmas flower. 35 cts. each.

Rose-pink Century. Flowers 6 inches and over in diameter, of a clear rose-pink color; a strong grower with long, stiff stems; fine for cutting. 35 cts. each.

Snowflake. Very free-flowering; pure white. The finest white yet introduced. 35 cts. each.

Twentieth Century. Early in the season an intense rosy-crimson, shading gradually to almost white on the edges and a light halo around the disc. As the season advances the flowers become lighter, changing to almost pure white suffused with soft pink. 25 cts. each.

Wildfire Century. Brilliant cochineal-red with orange-scarlet suffusion; habit dwarf and free. 25 cts. each.

Special Offer. One each of the above 11 varieties for \$3.00.



TWENTIETH CENTURY DAHLIA



FARFUGIUM GRANDE

DREER'S FINE FERNS

We offer below but a few of the more important Decorative Ferns.

Adiantum Farleyense Gloriosa (*The Glory Fern*). An easy-growing form of that most beautiful of all Maiden Hairs, *Adiantum Farleyense*. Good plants in 3-inch pots, 25 cts. each; 4 inch pots 75 cts. each.

Asplenium Nidus Avis (*Bird's Nest Fern*). An interesting species with large dark green foliage. 3-inch pots, 25 cts. each.

Cibotium Schiedei (*Mexican Tree Fern*). One of the most desirable and valuable Ferns in cultivation. 4-inch pots, \$1.00 each; 6-inch pots, \$2.50 each; 8-inch pots, \$5.00 each.

Cyrtomium Rochfordianum Compactum (*Crested Holly Fern*). Next to the Boston Ferns, the Holly Fern is the most satisfactory for apartment use, and this new variety has made a place for itself in the front rank as a decorative plant. Its foliage is of rich glossy dark green, the pinnae or leaflets, besides being wavy or undulated on the edges, are also deeply cut or toothed, giving the plant a graceful and light appearance. 4-inch pots, 50 cts. each.

Nephrolepis Bostoniensis (*Boston Fern*). The original type with long graceful fronds. 6-inch pots, \$1.50 each; 8-inch pots, \$2.50 each.

Nephrolepis Scotti (*Dwarf Boston Fern*). A dwarf-growing form; a beautiful Fern. 6-inch pots, \$1.50 each.

Pteris Alexandriæ. The crested fronds of this pretty variety are variegated with silvery-white. 4-inch pots, 50 cts. each.

Pteris Distinction. A splendid decorative sort with narrow cut dark green fronds. 4-inch pots, 50 cts. each.

Pteris Rivertoniana. The most distinct and desirable of the taller crested forms of *Pteris*. 4-inch pots, 50 cts. each.

Pteris Wilsoni. Of compact habit, forming a very symmetrical plant. The bright green foliage is beautifully crested. 4-inch pots, 50 cts. each.

FERNS FOR FERN DISHES

We can supply the most desirable varieties for this purpose. 2½-inch pots, 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



FICUS ELASTICA (Rubber Plant)

FARFUGIUM

Grande. (*Leopard Plant*). This is an extremely ornamental plant. Its large, circular leaves, thickly spotted with creamy-white and yellow make it wonderfully effective for the window garden. 50 cts. each.

FICUS (Rubber Plant)

Altissima. In general appearance similar to *F. Elastica*, but with smaller dark-green, glossy foliage, with white veins. \$1.00 each.

Australis. A rapid growing compact, free branching variety, with small, leathery, dark-green leaves. Very attractive when grown in bush form. 4-inch pots, 75 cts. each. Larger plants, \$1.00 and \$2.00 each.

Elastica. The well-known Rubber plant. 4-inch pot, 10 inches high, 75 cts. each; 6-inch pot, 20 to 24 inches high, \$1.50 each.

Utilis. Entirely distinct and unlike the popular Rubber Plant, yet possessing the same hardness. The leaves are thick and leathery, from 9 to 10 inches long, one-half as wide, of a rich holly-green, with midrib and principal veins of ivory-white. Strong plants, \$1.00 and \$2.00 each.

Four Best Bedding Geraniums

The varieties offered are all semi-double flowering and are the best of their respective colors for out-door planting.

Alphonse Riccard. Bright vermilion-scarlet.

Beaute Poitevine. Finest salmon-pink.

Mme Recamier. Pure White.

S. A. Nutt. Rich dark crimson.
25 cts. each; \$2.50 per doz.; \$18.00 per 100.

NEW ROSES

We offer some splendid new Hybrid-Tea and Hardy Climbing sorts on pages 128 and 129.



CYRTOMIUM ROCHFORDIANUM COMPACTUM

DREER'S SELECT GLADIOLUS

(SWORD LILY)

The interest developed in the Gladiolus during the past few years has been tremendous, and thousands of bulbs are now planted annually where dozens were used in the past. Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower through the summer and autumn months, hold a place that cannot be taken by any other flower.

In cutting Gladiolus for the house, it is best to cut the spikes as soon as the first one or two lower flowers are open. The remainder will open in the house. Remove the faded flowers, cut a little off the stem, and change the water every day; treated in this way a spike will last a week or ten days, and as a rule the colors are more refined when developed in the house. Wonderful improvements are being made each year in the size, color and beauty of these flowers, and our list comprises only the best both in mixture and in named sorts.

For complete cultural directions see our book, "Hints on the Growing of Bulbs." Price, 25 cts., or free to customers who ask for it when ordering.

Superb New and Rare Gladiolus

The ten sorts offered below are all extra high grade and will be a real surprise to those who are only familiar with the old varieties.

Deuil de Carnot. A superb French introduction with good sized open flowers of rich velvety crimson-maroon, shaded with black; the richest colored of all. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

Etendard. One of the choicest introductions of the famous French Hybridizer, Lemoine, with immense orchid-like flowers four inches and over across. Upper petals rich cream-tinted rose, lower petals marked with large fiery-red blotches, clearly margined with bright yellow. An exceedingly rich color combination. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

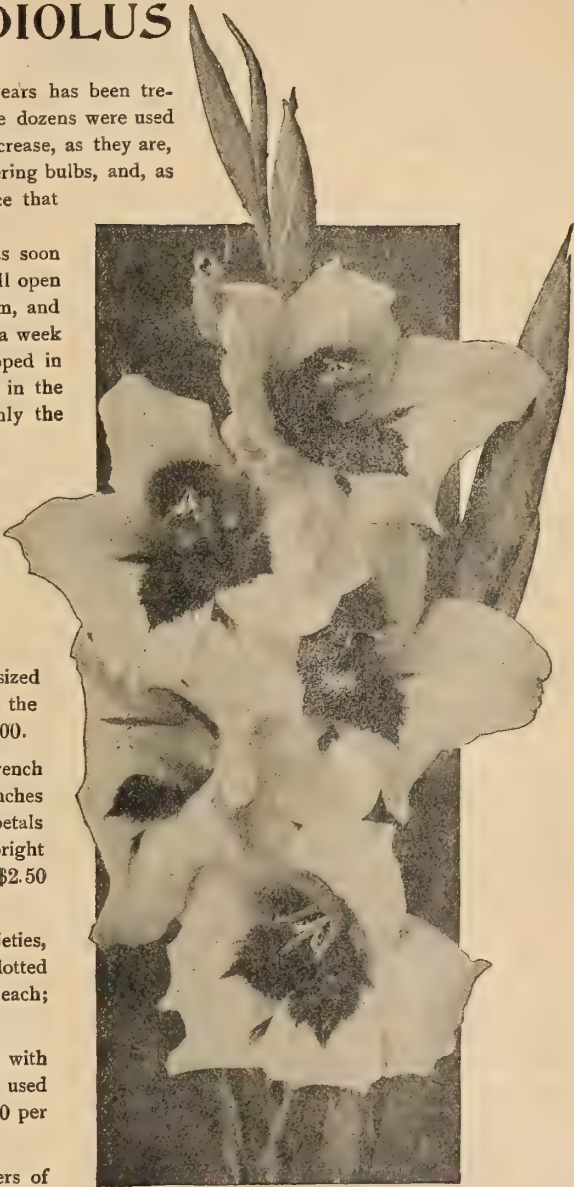
Eugene Lefebvre. Another of Lemoine's newer giant varieties, beautifully formed flowers of bright pink, throat spotted and dotted with purplish amaranth and cream; entirely distinct. 35 cts. each; \$3.50 per doz.

Heliotrope. Fine large flowers of velvety bishop's violet, shaded with pansy-purple; rich and novel and very effective as a cut flower used in conjunction with one of the yellow sorts. 35 cts. each; \$3.50 per doz.

La Couronne. A new and beautiful French variety with flowers of largest size, of a creamy-white, the throat blotched with dark maroon bordered with pale yellow; one of the most attractive of the recent introductions. 35 cts. each; \$3.50 per doz.

Mrs. Frank Pendleton. All experts agree that this is one of the finest varieties yet introduced. The flowers are of largest size, borne on strong, straight spikes. In color a lovely salmon-pink with brilliant deep, red blotches in the throat. A color combination rivalling many of the finest Orchids in its richness, exquisite in every way. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Schwaben. A most meritorious imported variety of wonderful vigor, with strong erect spikes and large well-expanded flowers of a clear canary-yellow with a small blotch of deep garnet in the throat. This may now be considered the best and freest growing yellow variety. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.



GLADIOLUS MRS. FRANK PENDLETON

Sulphur King. This splendid variety is generally conceded to be the finest clear yellow yet introduced. It produces extra long spikes well filled with its attractive flowers which are of good size. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

War. A magnificent dark variety with tall spikes well filled with large flowers of a rich blood-red shaded with crimson-black. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

White America. This important novelty is a seedling of the famous pink variety America, and has all the many good qualities of that deservedly popular sort. In color it is practically a pure white, although the buds are slightly tinged with blush. It seems certain that this will soon take its place among the leaders. 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

COLLECTIONS OF SUPERB NEW AND RARE GLADIOLUS

1 each of the above 10 sorts, 10 bulbs.....	\$2 50	6 each of the above 10 sorts, 60 bulbs.....	\$12 00
3 " " " 10 " 30 "	6 50	12 " " " 10 " 120 "	22 50

Our Gold Medal Mixed Gladiolus offered on page 155 are extra fine

Dreer's Six Grand American Gladiolus

Within recent years American hybridizers have produced some of the very best Gladiolus, being noted for their strong, free growth, free-flowering qualities, purity of color and their ability to produce satisfactory results in our climate even under the most ordinary conditions, and whether wanted for show in the garden or for cutting, the six sorts offered under this head now hold the premier place in their respective colors, and are offered at prices so reasonable, considering their high grade, that they should be planted in quantity wherever summer flowers are wanted.

America. Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture. 7 cts. each; 75 cts. per doz.; \$5.00 per 100.

Mrs. Francis King. A striking shade of light scarlet or flame color; one of the most effective. 7 cts. each; 75 cts. per doz.; \$5.00 per 100.

Niagara. A charming variety, with all the good qualities of America, but of a delicate cream-yellow, lightly marked and splashed with rosy-carmine in the throat; beautiful as a cut flower. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

Panama. A favorite wherever high-grade varieties are grown. It is similar to and has all the good qualities of America, but in color is a rich rose-pink. One of the finest. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

Peace. Immense pure white flowers with a touch of carmine in the lower petals. These are borne on tall, graceful spikes; a beautiful and exceedingly refined variety. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

Princeps. Immense wide-open amaryllis-like flowers of a rich, dazzling scarlet, marked with white on the lower portion, which serves to intensify the brilliancy of the scarlet. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

COLLECTIONS OF SIX GRAND AMERICAN GLADIOLUS

3 each of the 6 sorts	\$1.65	12 each of the 6 sorts	\$5.50
6 " " 6 "	3.00	25 " " 6 "	10.00

GENERAL COLLECTION CHOICE NAMED GLADIOLUS

In addition to the Superb New and Rare Named Sorts offered on the preceding page, and the six grand sorts offered above, we offer below a very select list of named sorts, each one quite distinct and first class in every way.

Augusta. A lovely and useful variety, pure white with blue anthers. 7 cts. each; 75 cts. per doz.; \$5.00 per 100.

Baron Hulot or Blue King. A really fine blue Gladiolus, in color a rich, royal violet blue, very effective when cut and used in conjunction with Sulphur King or other yellow variety. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Blanche. One of the finest whites of the Giant type, immense flowers of pure white, lightly marked with pale rose; a gem. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Brenchleyensis. The most effective vermilion-scarlet for massing. 6 cts. each; 60 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

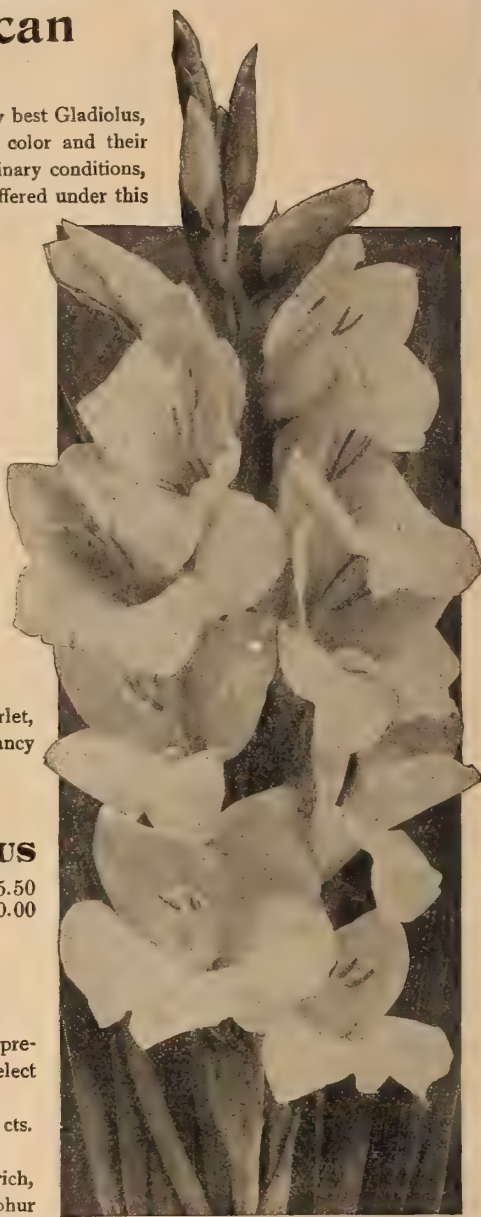
Brilliant. Glistening scarlet with carmine and white throat. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

Canary Bird. A splendid clear canary-yellow. 20 cts. each; \$1.75 per doz.; \$12.00 per 100.

Columbia. Light orange-scarlet, splashed with bluish-purple. 10 cts. each; 85 cts. per doz.; \$6.00 per 100.

Empress of India. Rich velvety dark red with deeper shadings. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Klondyke. Clear yellow, with crimson-maroon blotch in the throat. 6 cts. each; 60 cts. per doz.; \$4.50 per 100.



GLADIOLUS AMERICA

Kunderdi Glory. Large creamy white flowers with crimson stripe in centre of each petal; ends of petals ruffled. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

Pink Perfection. This magnificent imported sort has attracted great attention, the color is a soft apple-blossom pink with chamois suffusion that is very attractive. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

Rosella. Delicate rose, stained purple and white; large, open orchid-like flowers; a handsome and satisfactory variety. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Scribe. A giant-flowering soft rose blazed with carmine, very large, open flowers and enormous spike. 10 cts. each; \$1.00 per doz.; \$7.50 per 100.

Shakespeare. White, suffused with carmine-rose; large rose blotch. 12 cts. each; \$1.25 per doz.; \$8.50 per 100.

COLLECTIONS OF CHOICE NAMED GLADIOLUS

1 each of the 20 varieties on this page, 20 in all	\$2.00	6 each of the 20 varieties on this page, 120 in all	\$10.00
3 " 20 " " 60 "	\$5.50	12 " 20 " " 240 "	18.50

NOTE—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.



GLADIOLUS, GOLD MEDAL HYBRIDS

DREER'S SUPERB GENERAL MIXTURE

This is our popular low-priced mixture, and is composed of fine sorts, in all colors, in first size bulbs only. We have tested many brands of mixtures, some of them costing twice as much as this, but have never seen any except our Gold Medal Mixture, which surpassed it in variety of coloring or general excellence, and, whether wanted for planting for effect or for cutting, will be found entirely satisfactory. 50 cts. per doz.; \$3.00 per 100; \$25.00 per 1000.

LEMOINE'S BUTTERFLY HYBRIDS MIXED

The remarkable richness of the colorings of this class rivals the finest orchids. 50 cts. per doz.; \$3.50 per 100; \$30.00 per 1000.

NEW GIANT (Nanceanus)

A magnificent race of extraordinary size and remarkable beauty, possessing the long-lasting properties and the beautiful markings of the Lemoine section. Mixed varieties, 50 cts. per doz.; \$3.50 per 100; \$30.00 per 1000.

NOTE. All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

GLADIOLUS in Mixture

Our mixtures offered below are made up of fine varieties, not the common sorts, which produce themselves so freely, and are all **strictly selected first size bulbs**, and are sure to give satisfactory results.

GOLD MEDAL HYBRID GLADIOLUS

We grow this magnificent strain for the express purpose of being able to supply many of our customers who want something decidedly better than the usual run of mixtures and who do not care for the named sorts. When *Gladiolus* are grown in mixture they are liable to deteriorate rapidly, and finally contain only a few colors. To avoid this we grow small blocks of a large number of exquisite colors, many of them high-priced sorts, from which these mixtures are made, which insures results which cannot be had in any other way, and if you wish something really extra fine, these are sure to please you.

Gold Medal Section No. 1. This contains all the scarlet, blood-red, garnet, amaranth and similar rich shades of color in great diversity. 6 cts. each; 60 cts. per doz.; \$4.00 per 100.

Gold Medal Section No. 2. This is composed of the white, yellow and delicate shades of pink, rose, etc., and is especially valuable for cutting. 7 cts. each; 75 cts. per doz.; \$5.00 per 100.

Gold Medal Section No. 3. In this section are included the new blue, heliotrope, lilac, mauve and similar tints. A lady customer, on seeing a bunch of these, called them "pansy colors," which aptly describes them. They are for the most part entirely new and distinct. 10 cts. each; \$1.00 per doz.; \$7.00 per 100.

Gold Medal Mixture. This contains some each of the three sections, and so great is the diversity in colors that customers run practically no risk of getting any two alike; by far the finest mixture of Gladioli ever offered. 7 cts. each; 75 cts. per doz.; \$5.00 per 100; \$45.00 per 1000.

PRIMULINUS HYBRIDS

The original of this type, introduced from South Africa has been much improved by crossing with choice garden varieties, and the mixed hybrids here offered are certain to produce some beautiful flowers, mostly in tones running from light yellow to orange apricot and crimson; the flowers are of good size, borne on tall graceful spikes, and are of healthy, vigorous constitution. 6 cts. each; 60 cts. per doz.; \$4.00 per 100; \$35.00 per 1000.

**MIXED GLADIOLUS
IN SEPARATE SHADES**

	doz.	100	1000
Scarlet and Crimson shades mixed,	\$0 50	\$3 50	\$30 00
White and Light “ “	50	3 50	30 00
Yellow and Orange “ “	75	5 00	45 00
Striped and Variegated “ “	50	3 50	30 00
Pink and Rose “ “	50	3 50	30 00



Hydrangea Hortensis

Although hardy in sheltered favorable positions in the latitude of Philadelphia, they will give more satisfaction when grown as pot or tub plants and protected against frost.

SELECT NEW FRENCH VARIETIES

- Avalanche.** Fine large white.
Baby Bimbenet. Large compact trusses of silvery-rose flowers.
Eclairer. Bright carmine rose.
E. G. Hill. Immense clear pink.
General de Vibraye. Large bright rose.
Lilie Mouillere. Beautiful carmine-rose.
Mme. Auguste Nonin. An unusually attractive pretty pale pink, in heads of large size.
Mme. E. Mouillere. The most popular white.
Mont-Rose. Very free, early, and almost everblooming pink.
Radiant. Deep rosy carmine.
Souvenir de Lieutenant Chaure. Immense heads, of bright rose carmine.
Souvenir de Mme. E. Chautard. The most popular, early, free pink.
 Young plants, 25 cts. each; \$2.50 per doz. The set of 12 for \$2.50.
 Large plants, 60 " " \$6.00 " " " " " 12 for \$6.00.



NEW FRENCH HYDRANGEA

NEW DOUBLE FLOWERING HYDRANGEA DOMOTOI

Of American origin, probably a seedling of the Japanese variety, Mariesi. The individual flowers, which are semi-double, are of good size, as are also the trusses; one of its exceptional characteristics is that it is perpetual flowering, producing flowers from the young growth throughout the summer. We offer good plants in 4 inch pots 75 cts. each.

SENSATIONAL NEW FRENCH HYDRANGEA, TROPHÉE

Among the large number of French introductions of recent years, many of which have been wonderful acquisitions, the most remarkable one is the variety here offered, which for brilliancy in color surpasses all; it is the nearest approach to a real red, being a bright carmine and of ideal habit of growth. 3-inch pots, 50 cts. each; 6-inch pots, \$1.00 each.



ISMENE (Peruvian Daffodil)

HYDRANGEA OTAKSA

This is the variety that is used so extensively at the Atlantic seashore resorts, producing immense heads of usually pink but sometimes blue flowers throughout the entire summer. We have a grand lot of plants specially prepared for summer flowering that will make a handsome display.

- Young plants in 3-inch pots, 25 cts. each; \$2.50 per doz.
 Good plants in 5-inch pots, 50 cts. each; \$5.00 per doz.
 Strong plants in 6-inch pots, 75 cts. each; \$7.50 per doz.
 Specimens in 11-inch tubs, \$4.00 each, including tub.

HYACINTHUS CANDICANS

(Cape Hyacinth)

A snow-white summer-flowering Hyacinth, growing 3 to 5 feet in height, gracefully surmounted with from 20 to 30 pure white, bell-shaped flowers. 25 cts. each; \$2.50 per doz.

ISMENE CALATHINA

(Peruvian Daffodil)

A grand summer-flowering bulb, producing with great freedom large Amaryllis-like, pure white, fragrant blossoms. Keep the bulbs in a dry, warm place, and plant out in June. Bulbs can be taken up in October, and after a few weeks' rest, potted and flowered in the house in the winter, or kept over for planting out another season. 25 cts. each; \$2.50 per doz.

LAGERSTRÆMIA (Crape Myrtle)

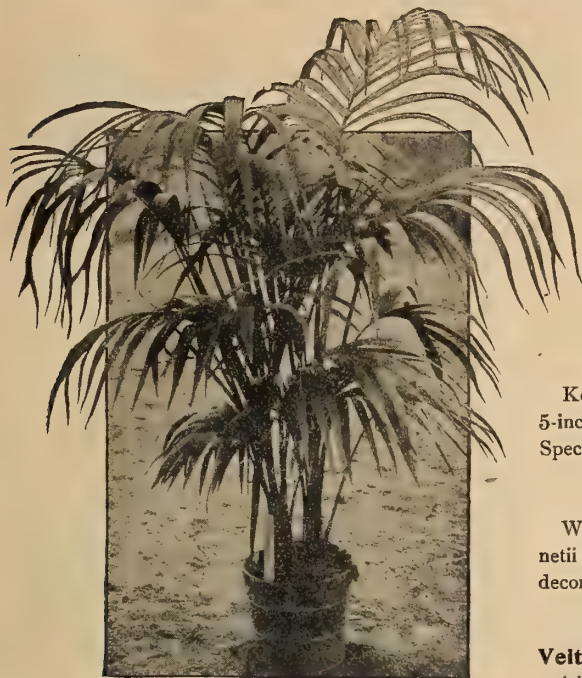
This is one of the prettiest shrubs, and while hardy south of the Potomac, requires protection in this latitude. Grown in large pots or tubs, specimens 6 to 8 feet high can be produced with little difficulty, and which for two or three months in the summer will be covered with flowers.

Indica. Delicate soft pink.

— **Alba.** A white-flowered form.

— **Kermesina.** Crimson.

Price. Any of the above, \$1.00 each.



MADE-UP PLANT OF KENTIA FORSTERIANA

PALMS

No collection of plants is complete without Palms. Their bold, majestic, yet graceful foliage lends a grandeur and magnificence that cannot be obtained by any other class of plants, and no decoration, whether in the conservatory, hall or sitting room, is complete without them.

Areca Lutescens. One of the most graceful and beautiful Palms in cultivation; the foliage is of a bright, glossy green; with yellow stems.

4-inch pots, bushy plants, 15 to 18 inches high\$ 75 each
 5 " " " 18 to 24 " " 1 50 "
 6 " " " 28 to 30 " " 2 50 "

Cocos Weddelliana. The most graceful and elegant of all Palms. Its slender, erect stem is freely furnished with its gracefully arching leaves, of a rich green color. The smaller sizes are admirable for fern dishes.

Young plants in 2½-inch pots, 35 cts. each; 3-inch pots, 12 inches high, 50 cts. each.

Kentia Belmoreana. The Kentias are the hardiest palms in cultivation. They are of slow growth, and are less affected by the dust and dry atmosphere of the house than any others. The variety here offered is of dwarf, spreading habit, with fine rich dark-green foliage.

Inch Pots.	Inches High.	Each.	Inch Pots.	Inches High.	Each.
3	12	..\$ 50	6	20	..\$3 00
4	15	.. 1 00	7	24	.. 5 00
5	18	.. 2 00	7	26	.. 7 50
			8	30	..10 00

Kentia Forsteriana. This splendid variety is very similar to K. Belmoreana, but of stronger growth, with broader, heavier foliage.

Inch Pots.	Inches High.	Each.	Inch Pots.	Inches High.	Each.
3	12	..\$ 50	6	30	..\$3 00
4	15	.. 1 00		36	.. 6 00
5	24	.. 2 00			

Kentia Forsteriana (*Made-up Plants*). These are specimens made by planting several plants together; very useful decorative specimens.

Inch Tubs.	Inches High.	Each.	Inch Tubs.	Inches High.	Each.
7	30	..\$5 00	10	45	..15 00
7	36	.. 7 50	10	48	..20 00
7	40	..10 00	12	54	..25 00
8	42	..12 50			

Phoenix Roebeleni. The most graceful of the Phoenix, and a Palm which has become one of the most popular for room decoration. The plant is of vigorous growth, and its gracefully, recurving leaves, with very narrow dark green pinnæ, give it a lightness and airiness not surpassed, if equalled, by Cocos Weddelliana; at the same time it is as hardy as a

Kentia, succeeding admirably as a house plant.

5-inch pots, 15 inches high, nicely characterized.....\$2 00 each
 Specimens in 6-inch pots, 1½ feet high..... 3 50 "
 " 7 " tubs, 2 " 5 00 "
 " 10 " " 2 " extra spread.....15 00 "

We can also supply fine large decorative specimens of Cocos Bonnetii or Australis and Phoenix Canariensis, elegant plants for lawn decoration. Sizes and prices on application.

PANDANUS (Screw Pine)

Veitchi. One of the finest decorative plants for the house; graceful foliage, broadly striped with cream-white on a green ground. 4-inch pots, \$1.00 each; 6-inch pots, \$2.00 each.

PASSIFLORA (Passion Flower)

Princeps. This is one of the best greenhouse climbers, a rare and showy variety with bright red flowers. 75 cts. each.

PHYLLOCACTUS

Beautiful flowering plants closely allied to the Cacti, with thornless leaf-like stems. The flowers, which often measure eight inches in diameter, are long, somewhat trumpet-shaped, consisting of several rows of petals, which in color range from pure waxy white to deep crimson, and are freely produced on well-ripened stems in spring. They are of easy culture, should be confined to small pots and sparingly watered. We offer a choice selection of 12 named varieties. 50 cts. each. Set of 12 for \$5.00.



PANDANUS VEITCHI

PENNISETUM (Fountain Grass)

Tender ornamental grasses, valuable either as individual specimens in the garden or for massing or interspersing with some of the hardy grasses, while as for border plants for beds of Cannas or Caladiums nothing equals them.

Macrophyllum Atrosanguineum (*Crimson Fountain Grass*).

Foliage gracefully recurved, of a pleasing dark metallic, coppery-bronze, attains a height of about 4 feet, the ends of the shoots being terminated by tawny crimson plumes, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Cupreum. Similar in the dark coppery-bronze color of its foliage to the variety above, but with much narrower, gracefully recurving leaves; grows about 3 to 3½ feet high. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Rueppelianum (*Purple Fountain Grass*). Grows about 3 feet high, producing long, graceful green foliage and cylindrical purplish plumes. Young plants ready in May. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

New
Salvia Splendens
or Scarlet Sage,
America or
Globe of Fire

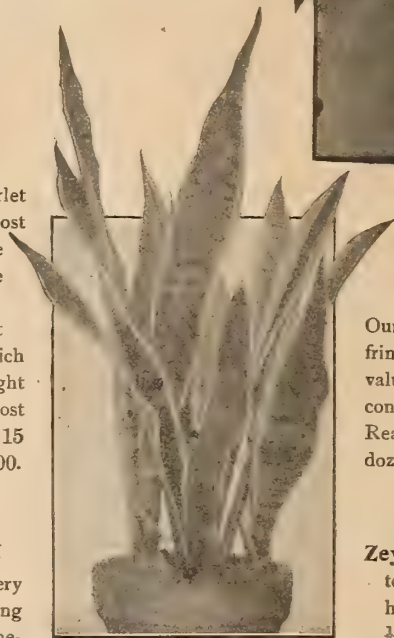
This is the finest of all the Scarlet Sages, being the earliest, freest and most continuous bloomer. It is also the most uniform in habit of growth. The bushy plants grow about 15 inches high, and the immense spikes of brilliant scarlet flowers rising clear about the rich green of the foliage, making a total height of not over two feet. One of the most effective bedding plants in cultivation. 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

ROSES
FOR THE GARDEN

We offer on pages 119 to 134 a very select and complete collection of strong two-year-old plants that will give immediate results.



SALVIA, AMERICA OR GLOBE OF FIRE



SANSEVIERIA ZEYLANICA LAURENTI



DREER'S SUPERB SINGLE-FRINGED PETUNIAS

Dreer's Superb
Single-Fringed Petunias

Our own strain of the finest large-flowering single-fringed sorts of this useful bedding plant, and invaluable for porch and window boxes, flowering continuously from early in the summer till frost. Ready in May and June; 15 cts. each; \$1.50 per doz.; \$12.00 per 100.

SANSEVIERIA

Zeylanica Laurenti. This variety, in addition to the variegation shown in the ordinary sort, has a band of creamy yellow varying from ¼ to ½ inch or more in width on each edge of the leaves, which adds greatly to its decorative effect. A limited stock of good young plants, \$1.00 each.

STIGMAPHYLLON CILIATUM

(Brazilian Golden, or Orchid Vine)

One of the prettiest tender climbers in cultivation, with large yellow, orchid-like flowers, produced very freely during the summer months. It is especially adapted for training over the pillars or on the wall of a conservatory, but will do equally well in the open air during the summer. 50 cts. each.

THUNBERGIA

Harrisi. A splendid winter-flowering green-house climber, with showy light-blue flowers with creamy-white throat. 50 cts. each.

Erecta. A green-house shrub, flowering almost the year round, bearing large, showy, deep purple flowers, with orange-yellow throat, a most satisfactory plant for the window garden. 50 cts. each.

WATER LILIES

We offer a short and select list of both Tender and Hardy sorts on page 160.



MEXICAN EVERBLOOMING SINGLE TUBEROSES

AQUARIUM PLANTS

Anacharis Canadensis Gigantea (*Giant Water Weed*). A beautiful submerged plant with dark-green ovate leaves and light stems. 25 cts. each; \$2.50 per doz.

Cabomba Viridifolia (*Washington Grass*). A pretty and popular submerged plant. 25 cts. per bunch; \$2.50 per doz.

Cyperus Alternifolius (*Umbrella Plant*). Excellent for growing in water or damp places. 25 cts. each; \$2.50 per doz.

Cyperus Papyrus (*Papyrus Antiquorum*). This is the true Egyptian Paper Plant, 5 to 8 feet high, graceful and striking. 50 cts. each. Specimen plants in tubs, \$2.50 each.

Eichhornia Azurea. This species of "water Hyacinth" produces large spikes of flowers of a lovely shade of lavender-blue, with a rich purple centre. 50 cts. each.

Eichhornia Crassipes Major (*Water Hyacinth*). Flowers of a delicate lilac-rose. Does splendidly outdoors in summer. 25 cts. each; \$2.50 per doz.

Ludwigia Mulerti. One of the prettiest of the submerged plants. The small ovate leaves are green above and pink on the under side. 25 cts. each; \$2.50 per doz.

Sagittaria Natans. Long strap-like green leaves resemble the well-known *Vallisneria*. 25 cts. each, \$2.50 per doz.

Sagittaria Sinensis (*Giant Sagittaria*). Leaves dark green; broader than *S. Natans*. 25 cts. each; \$2.50 per doz.

Salvinia Braziliensis. This pretty little floating aquatic is suitable for all aquaria. 25 cts. per bunch; \$2.50 per doz.

Vallisneria Spiralis, Italian Type (*Eel Grass*). A submerged plant with long ribbon-like leaves. 25 cts. each; \$2.00 per doz.

Double Pearl Tuberoses

One of the most delightfully fragrant and beautiful of the summer flowering bulbs. By skillful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March in the greenhouse or hotbed; and for a succession they can be planted at intervals as late as July. For flowering in the open border plant about the middle of May, or as soon as the ground becomes warm. Strong flowering bulbs, 10 cts. each; \$1.00 per doz., \$6.00 per 100.

MEXICAN EVERBLOOMING SINGLE TUBEROSES

This charming single variety begins to flower in July and continues throughout the season, each bulb throwing from 2 to 5 flower spikes in succession. The buds never blast but all open up of the purest white, and are delightfully fragrant. (See cut.) 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

VINCA

Major Variegata (*Variegated Periwinkle*). One of the very best plants for vases, and for trailing over the edges of window boxes, etc. Leaves glossy green, broadly margined creamy white; blue flowers. Strong plants in 4-inch pots, 25 cts. each; \$2.50 per doz.

ZEPHYRANTHES

(*Zephyr Flower or Fairy Lilies*.)

Beautiful dwarf, bulbous plant, very effective for masses or border, flowering with great profusion during the summer. They are also suitable for pot culture. 6 bulbs clustered in a 5-inch pot in the autumn will give a fine display during the winter; 8 inches high.

Alba. Pure white. 8 cts. each, 75 cts. per doz.; \$6.00 per 100.

Rosea. Large rose-colored. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ZINNIAS (Youth and Old Age)

Dreer's Giant Double. An extra large flowering strain of this popular summer-flowering annual, growing about 3 feet high, with colossal flowers in a great variety of colors. Mixed colors, ready in May and June.

10 cts. each; \$1.00 per doz; \$7.00 per 100.



A WELL-ARRANGED AQUARIUM

NOTE All Bulbs, Roots and Plants are forwarded by express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

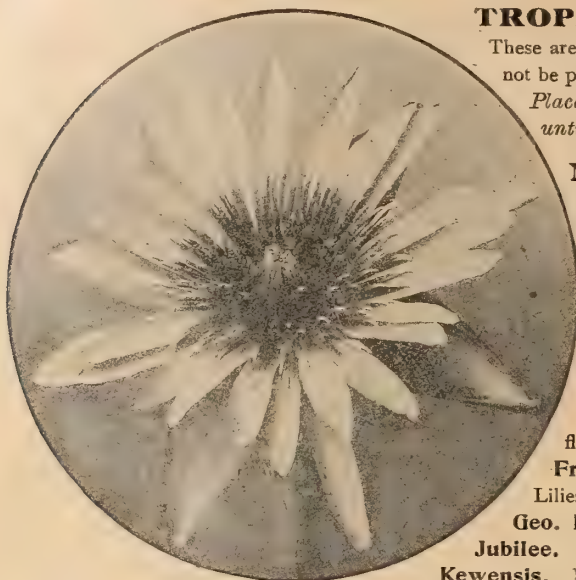
WATER LILIES AND AQUATICS

We have prepared a leaflet giving complete directions for the cultivation of both hardy and tender Water Lilies, Aquarium Plants and other Aquatics. Copies free on request.

TROPICAL, or TENDER WATER LILIES

These are supplied after June 1st in strong, growing pot plants, and should not be planted out until after the weather has become settled and warm.

Place your order for these plants early, and we will reserve them until the proper planting season.



NYMPHÆA ZANZIBARIENSIS

Night-blooming Tender Nymphaeas

Bissetti. Flowers 8 to 10 inches in diameter; cup-shaped; of a beautiful glowing shade of rosy-pink. \$2.00 each.

Deaniana. Flowers pure light pink. \$1.50 each.

Dentata. White, 8 to 12 inches across. \$1.00 each.

Dentata Magnifica. Large cup-shaped creamy white flowers 10 to 12 inches across. Very desirable. \$2.50 each.

Dentata Superba. The largest white Water Lily grown. Flowers of clear glistening white. \$3.00 each.

Devoniensis. This old favorite produces its large pure red flowers in the greatest abundance. \$1.00 each.

Frank Trelease. The darkest colored of all tender Water Lilies. A glowing dark crimson. \$1.50 each.

Geo. Huster. Brilliant crimson flowers. \$2.00 each.

Jubilee. White, flushed pink at base of petals. \$1.50 each.

Kewensis. Medium size light pink flowers. \$1.50 each.

O'Marana. Flowers large and massive. Color pink, suffused with red; very desirable. \$1.50 each.

Rubra Rosea. One of the best and largest rosy-reds produced with remarkable freedom. \$1.50 each.

Sturtevantii. Color of flower varies from pure pink to bright red, with orange centre. \$2.50 each.

DAY-BLOOMING

TENDER NYMPHÆAS

Daubenyan. Small, fragrant, light blue flowers, valuable for winter blooming in aquariums or small pools. \$1.00 each.

Grossherzog Ernst Ludwig. A free-flowering variety of a true violet blue with a golden yellow centre. \$2.50 each.

Mrs. C. W. Ward. Deep rosy pink on long stems. \$2.00 each.

Ovalifolia. Flowers of large size, held well above the foliage and of a deep creamy white; the base of each petal faintly suffused with blue, which gradually deepens until the tips of each petal are a decided light corn-flower blue. \$10.00 each.

Pennsylvania. An improved *N. pulcherrima*, flowers being larger in size and of a deeper, richer blue. \$2.50 each.

Pulcherrima. This variety flowers continuously winter and summer. Of a fine light blue with yellow centre. \$2.00 each.

Wm. Stone. Rich violet blue shaded amaranth. \$2.00 each.

Zanzibariensis. The darkest blue or purple of the genus; very free-flowering. \$1.50 each.

Zanzibariensis azurea. Clear azure-blue. \$1.00 each.

Zanzibariensis rosea. Various shades of rose. \$1.00 each.

HARDY WATER LILIES

Due to the large amount of labor necessary for the digging and preparation of these we are compelled to limit our offering to the following short list, which comprises the best and most popular hardy sorts.

Nymphaea Laydekeri Purpurata. Rich rosy-crimson, \$1.50 each.

— **Marliacea Chromatella.** A beautiful, large bright yellow, \$1.50 each.

— **Odorata.** The fragrant white Pond Lily, 50 cts. each.

— **Minor.** A dainty miniature form of the white, Pond Lily, 50 cts. each.

— **Rosea.** The fragrant pink Cape Cod Water Lily, \$1.00 each.

— **Tuberosa Richardsoni.** Immense snowball-like double white flowers, \$1.00 each.



NYMPHÆA TUBEROSA RICHARDSONI

DREER'S SELECT HARDY PERENNIAL PLANTS



A VIEW IN OUR NURSERY, WHERE WE GROW HARDY PERENNIAL PLANTS BY THE ACRE

OF all the plants that are cultivated for purely ornamental purposes there are none which have made such rapid strides in public favor as the **Old-fashioned Hardy Garden Flowers**, the inhabitants of the perennial garden. Their popularity is not at all surprising when we consider the many varied and pleasant changes which take place throughout the entire growing season in a well-arranged hardy border, in which every week—yes, every day—brings forth something fresh and new to interest and delight even the most critical. Beginning in April, the early-flowering varieties open their flowers often before the snow has entirely disappeared, and continue, with constant changing variety, throughout the summer until late in the fall, when only severe freezing weather will stop such persistent late-blooming kinds as Japanese Anemones, Pompon Chrysanthemums, Gaillardias, Gentians, Tritomas, etc.

Twenty-five years ago there were very few Hardy Perennial Borders outside of some large establishments where one or more professional gardeners were employed, who were familiar with the beauties of the hardy borders as found in almost every garden on the other side of the Atlantic, and who knew how to plan, and plant, and care for them. But a great change has taken place in recent years, and there is now a steady and growing interest in this class of plants, and to-day almost everyone who is fortunate enough to have even a small garden devotes at least a part of it to hardy plants.

THE MAKING AND CARE OF AN OLD-FASHIONED HARDY BORDER

Frequent are the discussions and many are the ideas concerning their cultivation and the best method of arranging them in the garden. In arranging hardy flowers one should never forget the ways of Nature, choosing the flowers she uses in the positions she thinks most suitable, while endeavoring to conceal stiffness of arrangement by a careful study of her plans and the judicious use of the beautiful hardy plants at our disposal.

Situation.—There is no class of plants which lend themselves to such varied assortment of climatic or soil conditions, but the most effective position for Hardy Perennial plants in general is a good open border, backed by a hedge, a fence or trellis covered with Rambling Roses or any other hardy climbing vines, while some of the taller-growing sorts, such as Hollyhocks, Sunflowers, Rudbeckias, Boltonias, Bocconias, etc., are also very attractive when planted throughout a shrubbery border, their showy flowers forming a bright contrast with the foliage of the shrubs throughout the summer and fall, when few of the latter are in bloom.

Soil and Planting.—Cultivation is of the simplest, beginning with any good garden soil as a foundation, which may be enriched with such fertilizers as well-decomposed manure, bone-meal, or sheep manure deeply dug and well pulverized. The best time to plant hardy plants is just when they are emerging into life after their season's rest, when the weather is favorable and the soil in condition, or they may be set out in the autumn.

Above all things avoid wet planting. Do not make the common mistake of overcrowding; give each plant sufficient room to allow it to develop to its full size. The nearest approach to a rule which may be followed in planting being to set out plants which grow to a height of 2 feet or less 12 inches apart, and all others space equal to one-half their height when developed. For example, Aquilegias and Gypsophila, which grow 2 feet high, may be planted 12 inches apart, while Delphinium formosum and Japanese Iris, which grow 3 feet high, should be 18 inches apart. Care should also be taken to blend the colors throughout the garden, so as to prevent too many of one shade of color coming together, causing jarring contrasts. The season of flowering of the different types should also be taken into account, and the different plants as evenly dispersed as possible in order to maintain an equality of flowering plants, leaving no portion of the garden bare or flowerless, nor crowding together too many that bloom at the same time.

The Making and Care of an Old-Fashioned Hardy Border.—*Continued*

Care in Summer.—During the growing season careful attention should be given if best results are to be obtained. There is nothing so beneficial as frequent stirring up around the plants, and raking the ground into order again; it allows the air to move more freely through the surface of the soil, thereby encouraging growth and keeping the weeds in check. During hot, dry weather, or when it is not convenient to water, a mulch of any loose, light material will be found very beneficial in retaining the moisture and in keeping the soil from baking; short grass, the rakings of the lawn after-cutting, is excellent material for this purpose. Early in summer many varieties will have made considerable growth, and the supporting of these should be taken up in time. It is hardly possible to stake and tie up a plant so that it will have the same graceful appearance as if grown naturally without their aid; still, supports should be inserted at all tall-growing sorts early in the season while the plants are small. In this way they will lend themselves more naturally to their support than if this work is accomplished after the plants have made considerable growth. Once the plants get broken down or allowed to get "set" it is impossible to tie them up into natural shape again. This phase of summer work in the garden is often considered a matter of small importance, yet the difference between doing same in a slipshod and a workman-like manner is most apparent; and, while fully sympathizing with those who may not be able to spare the time or who may not have the materials at hand necessary to perform this work in the best possible manner, it cannot be too strongly emphasized that these are two of the most important factors in the successful cultivation of all out-of-door plants. The removal of old flower stems will also materially help the appearance of the plants at all times, many species responding to this treatment with an extra crop of flowers later in the season. All decayed foliage should also be removed, so as to keep the garden neat and tidy at all seasons.

Winter Care.—About the middle of November or later, when all the soft growth has been killed by the frost and the plants are thoroughly ripened, the old hard-wooded stems should be removed and burnt up. It will then be found beneficial to cover the plants with a top dressing of loose stable litter, or, if this is not to be had, a covering of leaves—Nature's protection. This covering is best applied when the ground is in a dry condition, and should not be overdone, two or three inches spread over loosely being all that is required. A deeper

Many not thoroughly familiar with this class of plants have an idea that nothing but a large field-grown clump will give satisfactory returns the first season. This, as experience has taught us, is in most instances a mistake. A vigorous plant of proper size will, in nearly every case, give quicker and better returns than the best so-called "field clumps." The majority of the stock offered in this catalogue is pot grown. This does not mean that the plants have been altogether pot-grown, but that they have been field-grown and dug and potted up during the fall months, and such stock can be planted, even late in the spring, with practically no loss, which, in the case of clumps, is often quite serious. The following letter from the well-known and successful amateur, W. C. Egan, endorses our views on this matter.

GENTLEMEN—Your shipment of perennials arrived safely to-day in most excellent order. It certainly is a pleasure as well as a profit, to receive plants from you. Your system of growing these in pots allows shipment without disturbing the roots, thus insuring uninterrupted growth and no loss in planting.

EGANDALE, ILL.

Respectfully yours,
W. C. EGAN.

DREER'S COLLECTIONS OF HARDY PERENNIAL PLANTS

The list of Hardy Perennial plants which we offer in our Garden Book is admitted to be the most complete and up-to-date collection in the country, and we are continually adding all the new rare and desirable sorts.


While we are not in the landscape business and cannot undertake the preparation of plans for planting or laying out of grounds, we have had prepared by a competent landscape architect a series of **Plans of Hardy Borders** with a list of suitable plants for positions either in sun or shade. We will be pleased to send a leaflet containing same free on application. We also offer customers who are not acquainted with the different sorts the following collections. all in good, strong roots, which when once planted will, with little care, keep the garden gay with flowers from the time frost leaves the ground until late in autumn. These collections are made up of species and varieties strictly of our selection, and we are unable to submit list of contents, as the assortment varies at different periods during the planting season.

12 distinct species, our selection.....	\$2 00	50 distinct species and varieties, our selection.....	\$ 7 00
25 " " " " " "	4 00	100 " " " " " "	12 00

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

(16')

DREER'S SELECT Hardy Perennial Plants

 All plants are forwarded on receipt of orders unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward most plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

ACANTHUS (Bear's Breech)

Mollis Latifolius. A handsome decorative plant of stately effect, with deeply-toothed, heart-shaped leaves, 2 feet long by 1 foot wide, either for planting as single specimens on the lawn or in the border, or for grouping with other plants for sub-tropical effect, producing 3 feet high spikes of curious rose-colored flowers during August and September. The ornamentation of the Corinthian columns is said to have been suggested by the leaf of this plant. 35 cts. each; \$3.50 per doz.

ACHILLEA (Milfoil or Yarrow)

Eupatorium (*Fern-leaved Yarrow*). Neat, finely cut foliage and brilliant yellow heads of flowers, lasting in full beauty all summer; 4 to 5 feet.

Filipendulina (*Noble Yarrow*). A vigorous, showy species, with golden-yellow flowers in dense flat corymbs in July; height, 2 feet.

Millefolium Roseum (*Rosy Milfoil*). Finely cut deep green foliage, flowers pink in dense heads; 18 inches high, and flowers all summer.

Ptarmica Fl. Pl. "The Pearl." Pure white flowers borne in the greatest profusion the entire summer on strong, erect stems, 2 feet high; as a summer cut flower it is of great value. (See cut.)

— **Boule de Neige** (*Ball of Snow*). An improvement on The Pearl; the flowers, while not quite so large, are of more perfect form, with fuller centres, which makes it appear purer in color.

Tomentosa (*Woolly Yarrow*). Handsome cut foliage and bright yellow flowers in a multitude of flat heads during June; height about 12 inches.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

One each of the 6 varieties for \$1.25.

ÆGOPODIUM (Bishop's Weed)

Podagraria Variegata. A rapid-growing plant, with neat green and yellow variegated foliage, thriving in any soil; makes a fine border for a bed of shrubs or for covering waste ground; 1 foot. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



AGROSTEMMA CORONARIA



ACHILLEA PTARMICA "THE PEARL"

ACONITUM (Monkshood or Helmet Flower)

Aconites form bushy clumps, and grow about 4 feet high; invaluable for planting under trees or in shady or semi-shady positions.

Fischeri. A dwarf variety growing 18 inches high, with very large, pale blue flowers in September and October.

Sparks' Variety. The darkest blue of all; flowers in June. 35 cts. each; \$3.50 per doz. \$18.00 per 100.

ADONIS (Bird's Eye)

One of the choicest of early spring-flowering plants; about 12 inches high, with finely-cut, ornamental foliage; effective on rock work or in the border. The two varieties offered are from Japan, of strong growth, and come into bloom fully two weeks earlier than any other hardy plant in our collection.

Amurensis. Large, single yellow flowers.

Amurensis Fl. Pl. Large, double yellow flowers. 50 cts. each; \$5.00 per doz.

AGROSTEMMA (Rose Campion)

Stout, erect-growing plants with silvery foliage, which contrasts well with the showy flowers; which are produced during June and July.

Coronaria (*Mullein Pink*). Bright rosy-crimson; 2½ to 3 feet.

— **Alba.** A pure white variety.

Flos Jovis (*Flower of Jove*). Deep pink flowers on 12-inch high stems. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

AJUGA (Bugle)

Reptans rubra. A useful plant for the rockery and for carpeting the ground, particularly in shady positions, as under trees where grass will not grow; large spikes of purplish-blue flowers in May. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

ALYSSUM (Mad Wort)

Rostratum. Bright golden-yellow flowers in June and July; 1 foot.

Saxatile Compactum (*Basket of Gold, Gold Tuft, Rockmadwort.*)

An indispensable plant for the rockery or border, growing 1 foot high, and producing in May masses of broad, flat heads of bright yellow flowers.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

AMSONIA

Salicifolius. A stout shrub-like plant, growing about 2 feet high, with terminal spikes of light steel-blue flowers, desirable to intersperse in clumps in the front row of the shrubby border.

Tabernæmontana. Similar to above in habit of growth, but with light blue flowers.

25 cts. each; \$2.50 per doz.

ANTHEMIS

(Marguerite)

Tinctoria. This hardy Marguerite is one of the most satisfactory summer-flowering perennials, succeeding in the poorest soil; of bushy habit, growing about 15 inches high, and producing its large, golden-yellow, daisy-like flowers continuously during the entire summer.

— **Alba.** Creamy-white flowers with yellow centre.

— **Pallida.** Light canary-yellow.

25 cts. each; \$2.50 per doz.;

\$15.00 per 100.



ALYSSUM SAXATILE COMPACTUM, ON ROCKERY

ANCHUSA ITALICA

(The Improved Italian Alkanet or Bugloss)

The improved Alkanets justly take a front rank among early summer flowering perennials. The rich blue tones of their flowers fill a vacancy in this color, of which there is never a superabundance, particularly during their flowering period, which covers the months of May and June. They form much-branched specimens 3 to 5 feet high, each branch terminated by a large, pyramidal, graceful spike of blue flowers, and while the habit of the plants are strong and vigorous they are not at all coarse. Of easy culture in any good garden soil and a sunny position. Very effective either in solid beds or in the hardy border.



AMSONIA

Dropmore Variety. Rich gentian blue.

Opal. A splendid lustrous light blue.

35 cts. each; \$3.50 per doz.; \$18.00 per 100.

ANEMONES (Windflowers)

Pennsylvanica (*Pennsylvania Windflower*). The prettiest of our native Windflowers, growing 12 to 15 inches high, and producing its large white flowers in the greatest profusion from June to August; an excellent plant either for the border or the rockery, and succeeds equally well in sun or shade. 25 cts. each; \$2.50 per doz.

Sylvestris (*Snowdrop Windflower*). Large, cup-shaped, pure white flowers, on clean stems, held well above the neat, handsomely cut foliage; one of the most satisfactory plants for the border, and equally at home in partial shade. 25 cts. each; \$2.50 per doz.

ANTHERICUM

Liliago (*St. Bernard's Lily*). A pretty species, bearing spikes of white flowers 18 inches high during May and June. 25 cts. each; \$2.50 per doz.



ANCHUSA ITALICA, DROPMORE VARIETY



JAPANESE ANEMONE

ANEMONE JAPONICA

(Japanese Windflower)

These beautiful Windflowers are one of the most important hardy plants. While they begin blooming in August they are more especially valuable on account of their continuing in full beauty till cut down by hard frost. All are excellent for cutting, lasting in good condition for many days. The plants grow 2 to 3 feet high, are perfectly hardy if given the protection of 2 or 3 inches of leaves or litter during the winter, and, while they respond freely to liberal feeding, they will succeed in any ordinary garden soil, increasing in beauty from year to year. They can be used in solid beds or borders or clumps planted through the hardy border, which they brighten during the late fall months.

Japanica Alba. Large, snowy-white; very chaste.

Japanica Rubra. Beautiful rosy-red; stamens bright yellow.

Queen Charlotte. Very large semi-double flowers of La France pink, a color that is rare among hardy plants.

Rosea Superba. Flowers of medium size, of a delicate silvery-rose.

Whirlwind. Large, semi-double pure white flowers, very free.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of the 5 sorts for \$1.00.

New Anemone "Hupehensis"

An introduction from Central China, closely allied to Anemone Japonica which, in a miniature way, it closely resembles. The plants grow from 10 to 12 inches high and from early in August until late in Autumn, produce an abundance of flowers, about 1½ inches in diameter, of a pleasing pale mauve-rose. 25 cts. each; \$2.50 per doz.

AQUILEGIAS, OR COLUMBINES

The Columbines are one of the most elegant and beautiful of hardy plants, producing their graceful spurred flowers on stems rising 2 feet or more above the beautifully divided foliage, and should be planted wherever their presence will serve to lighten up a too stiff and formal planting, for no other plant has so airy a grace as the Columbine, is more generous of its blooms, or more effectively adapted for cut flowers.

They are not at all particular as to soil or location, although they prefer a sandy loam and a moist but well drained, sunny position, and usually make themselves at home in any hardy border or rockery. Their period of flowering covers the late spring and early summer months. Taken as a whole, they are a most important part of the hardy garden, and should be grown in quantity by every lover of old-fashioned garden flowers.

Dreer's Long-spurred Hybrids. This is the most admired type of Columbines. The plants are of strong, thrifty growth. The flowers of largest size vary in color through charming tones of cream, pink, lavender, blue, white, red, etc., hardly any two being exactly alike. We offer them in mixed colors only.

Canadensis (*Common American Columbine*). The native bright red and yellow variety, and one of the brightest.

Chrysantha (*Golden Columbine*). Bright yellow long-spurred flowers.

Chrysantha Alba. A pure white form.

Cerulea (*Rocky Mountain Columbine*). Bright blue and white long-spurred flowers.

Flabellata Nana Alba. A dwarf growing, pure white.

Helena. Large blue flowers and wide expanded white corolla.

Skinneri (*Mexican Columbine*). Yellow with long orange-red spurs.

Vulgaris (*Common European Columbine*). Violet-blue. A strong, vigorous grower.

Price. Any of the above; 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 9 sorts for \$2.00.



AQUILEGIA, OR COLUMBINE



ARTEMISIA LACTIFLORA



ARABIS ALPINA

ARMERIA (Sea Pink or Thrift)

Attractive dwarf plants that will succeed in any soil, forming evergreen tufts of bright green foliage, from which innumerable flowers appear in dense heads, on stiff wiry stems, from 9 to 12 inches high. They flower more or less continuously from early spring until late in the fall. Very useful in the rockery as well as in the border. (See cut.)

Cephalotes Rubra. A strong growing variety with evergreen foliage and large heads of crimson-red flowers.

Lauchiana Rosea. Bright rose.

— **Alba.** White.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DWARF ALPINE ASTERS

Alpinus. Indispensable for the rockery or edge of hardy borders; grows 6 to 10 inches high and bears large showy bluish-purple flowers in May and June.

— **Albus.** Identical to the above, but with pure white flowers.

Sub-coeruleus. Forms a dense tuft of leaves, from which issue many leafless stems 12 inches high, bearing in June and July massive bluish-violet flowers 3 inches in diameter.

Price. 25 cts. each; \$2.50 per doz. Set of 3 sorts, 65 cts.



ARMERIA

ARABIS (Rock Cress)

Alpina. One of the most desirable of the very early spring-flowering plants that is especially adapted for edging and for the rock garden, but does equally well in the border, forming a dense carpet, completely covered with pure white flowers. It is nice for cutting, and lasts for a long time in bloom. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

ARTEMISIA LACTIFLORA

(Hawthorn-scented Mugwort)

Unlike the other varieties offered, which are grown for their foliage, this comparatively new introduction from China is a most effective flowering plant, with erect stems $3\frac{1}{2}$ to $4\frac{1}{2}$ feet high, clothed with elegantly cut dark green foliage and terminated by panicles of Hawthorn-scented creamy white Spiraea-like light and graceful flowers. It is at its best from the latter part of August to the end of September, and is particularly valuable on this account, being unlike any other plant in bloom at that time. (See cut.) 35 cts. each; \$3.50 per doz.; \$18.00 per 100.

ARTEMISIA

A most useful class of plants, either for the border or for filling in within the shrubbery. With the exception of the new variety Lactiflora they are not remarkable for their flowers; the foliage of the sorts offered is very ornamental. All the varieties offered stand cutting down to 5 or 6 inches when used in carpet or ribbon bedding.

Abrotanum (Old Man, or Southern-wood.) Dark green, finely cut foliage, with pleasant aromatic odor; 2 feet.

Pedemontana. A handsome variety with finely cut silvery foliage.

Stelleriana (Old Woman)

Deeply-cut silvery foliage; much used in carpet bedding; 18 inches.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

ASCLEPIAS

(Butterfly Weed)

Tuberosa. Very showy native plants, about $2\frac{1}{2}$ feet high, producing their flowers of brilliant orange-scarlet during July and August. 25 cts. each; \$2.50 per doz. \$15.00 per 100.

SUMMER-FLOWERING HARDY ASTERS

The following grow from 12 to 15 inches high and produce their showy flowers during July and August. Their free-flowing habit and compact growth make them most desirable subjects for the front of the mixed border.

Amellus Beauty of Ronsdorf. Of a tender lilac-rose, perfect in form and entirely distinct.

— **Perry's Favorite.** A most distinct bright, clear rose.

— **Preziosa.** A fine deep violet-blue.

Brachytrichus. Very free and in bloom until late in September; graceful, bright silvery-mauve flowers.

Ptarmicoides. White flowers, not large, but produced in great masses; fine for cutting.

Price. Any of the above, 35 cts. each; \$3.50 per doz.

One each of the 5 sorts for \$1.50.

New or Scarce Hardy Asters

Feltham Blue. One of the most decorative free-flowering blue varieties, a pretty shade of aniline blue, produced on freely branched plants during August and September; 2½ feet high.

Glory of Colwall. A splendid improvement on the variety Beauty of Colwall, with good-sized, nearly double, ageratum-blue flowers, remarkably free flowering; 2½ feet. September and October.

Novi Belgii Climax. Plants of strong, vigorous habit, over 5 feet high, fully one-half of which consists of much-branched pyramidal-shaped flower stems filled with light lavender-blue flowers, each 1½ inches or more in diameter. It blooms from the latter part of August until the middle of October.

— **White Climax.** A counterpart of Climax with pure white flowers; 5 feet.

— **St. Egwin.** A pleasing soft rosy-pink. Very free and of erect habit. 3 to 4 feet. September and October.

Price. Any of the above, 50 cts. each; \$5.00 per doz. Set of 5 sorts for \$2.25.



HARDY ASTER NOVI BELGII CLIMAX

FALL-FLOWERING HARDY ASTERS

(Michaelmas Daisies, or Starworts)

These are among the showiest of our late-flowering hardy plants, giving a wealth of bloom during September and October, a season when most other hardy flowers are past, and for the best effect should be planted in masses of one color. They grow freely in any soil. The collection offered below is made up of the choicest varieties only, the weedy sorts being eliminated.

Chapmani. Graceful sprays of light blue; 4 to 5 feet.

Formosissimus. Bright violet; 3 feet.

Lævis floribunda. Light heliotrope; 4 feet.

Novæ angliæ. Bright violet purple; 4 feet.

— **Lil Fardell.** Bright mauve; 4 feet.

— **Roseus.** Bright purplish mauve; 4 feet.

Novi Belgii Cleopatra. Light heliotrope; 5 feet.

— **Cloudy Blue.** Pale lavender blue; 3½ feet.

— **Edith Goodwin.** Very large deep blue; 4 feet.

— **The Queen.** A splendid large bluish-white; 4 to 5 feet.

Puniceus Pulcherrimus. Blue-tinted white; 4 feet.

Robert Parker. Pale heliotrope; 4 feet.

Snowflake. Very free, pure white; 18 inches.

Tataricus. Distinct large bluish-violet; very late; 6 feet.

Top Sawyer. Clear Parma-violet color; 4 feet.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 15 varieties for \$3.25.

New Japanese Hardy Asters

Do not overlook these novel sorts described and offered on page 168.



ASTER AMELLUS

NEW JAPANESE HARDY ASTERS

The two varieties offered below came to us from Japan and are entirely different from anything heretofore offered.

Mauve Cushion. An entirely distinct species which has attracted much attention in our grounds the past three seasons by its unique habit of growth, its great floriferousness, and its lateness in flowering. It forms a circular cushion-like plant $2\frac{1}{2}$ feet across the centre of the plant, rarely exceeding 9 inches in height, gradually tapering to 3 or 4 inches at the outside; the flowers of delicate, soft mauve, with silvery white reflection, measure over $1\frac{1}{4}$ inches in diameter, and are produced in such lavish profusion as to completely cover the plant; the blooms begin to expand early in October, but are not at their best until November, and continue in good condition until the middle of that month; while its distinct habit and freedom of bloom would make it a welcome subject at any season of the year, it is particularly valuable on account of the very late flowering, it giving a mass of bloom at a season when there are but few attractive flowering subjects in the garden. 50 cts. each; \$5.00 per doz.

Double White. Plants are of symmetrical habit, and grow about 2 feet high, and bear from July to September double white flowers not unlike the double white Feverfew. 50 cts. each; \$5.00 per doz.

ASTILBE ARENDSI

This new type is the result of crossing *A. Davidi* with *A. Japonica compacta*, *astilboides* and *Thunbergi*. The plants are of very vigorous growth, $2\frac{1}{2}$ to $3\frac{1}{2}$ feet high, producing many-branched feathered heads of flowers in June and July. They prefer a half-shady, moist position in any ordinary garden soil. (See cut.)

Ceres. Delicate light rose-colored flowers with peculiar silvery sheen.

Juno. Strong plumes of deep violet-rose.

Rose Pearl. Pearly shell-pink.

Salmon Queen. Graceful panicles of a beautiful salmon pink.

Vesta. Very graceful plumes of light lilac-rose.

Price. Any of the above, 50 cts. each. One of each of the 5 sorts for \$2.00.



ASTILBE ARENDSI

ASTILBES

Davidi. An important hardy plant. Its 5 to 6 feet high stems, which rise from a tuft of pretty dark green foliage, are crowned with feathery plumes of deep rose-violet flowers during June and July. 35 cts. each.

Hybrida Gruno. A splendid salmon-pink sort growing 4 feet high and producing light, graceful, spreading spikes of flowers, the finest pink Astilbe yet introduced. 75 cts. each.

Hybrida Moerheimi. A cross between *A. Davidi* and an unknown variety, with the strong, robust growth of the former, attaining a height of 5 to 6 feet. The well branched, erect spikes of flowers have a length of over two feet and are of a beautiful creamy-white. The originator and introducer, a prominent Holland grower, was awarded a first-class certificate for this novelty by the Royal Horticultural Society of Holland and considers this plant the most important hardy perennial introduced in many years. Strong plants, 75 cts. each.

Hybrida Salland. This is also a cross, with *A. Davidi* as one of its parents, which it resembles in habit of growth, only much more vigorous, growing over 6 feet high and with flowers of a distinct red color, different from all others. 75 cts. each.

BAPTISIA (False Indigo)

Australis. A strong-growing plant, about 2 feet high: suitable either for the border or wild garden, with dark green, deeply-cut foliage and spikes of dark-blue flowers in June.

Tinctoria. Spikes of bright yellow flowers in June; 2 to $2\frac{1}{2}$ feet. 25 cts. each; \$2.50 per doz.

BELLIS PERENNIS (English Daisy)

Improved double-flowering, white and pink. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

BOCCONIA (Plume Poppy, or Tree Celandine)

Cordata. A noble, hardy perennial, beautiful in foliage and flower, admirably adapted for planting in the shrubbery borders, centre of beds and in bold groups in almost any position. It will grow in any soil or situation, attaining from 6 to 8 feet in height; flowers in terminal panicles, of a creamy-white color during July and August. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



BOCCONIA CORDATA



CARYOPTERIS MASTACANTHUS

BLETIA

Hyacinthina. A terrestrial Orchid from China, with grass-like foliage and terminal racemes of showy rosy-pink flowers; grows about a foot high and succeeds best in a damp, shady position; requires the protection of a cold frame in winter. 50 cts. each; \$5.00 per doz.

BOLTONIA (False Chamomile)

Among the showiest of our native hardy perennial plants with large, single Aster-like flowers. The plant is in bloom during the summer and autumn months, and with its thousands of flowers open at one time produces a very showy effect. (See cut.)

Asteroides. Pure white; very effective; 5 to 7 feet.

Latisquama. Pink, slightly tinged with lavender; 4 to 6 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

CALTHA (Marsh Marigold)

Palustris. Effective hardy perennials, of much value in marshy places and by the side of streams and ponds; grow about a foot high, with bright yellow single flowers in early spring, 25 cts. each; \$2.50 per doz.

HARDY BORDER CARNATIONS

Choice mixed seedlings produced from seed supplied by a specialist in this popular flower. We supply strong plants that will furnish an abundance of flowers this season. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

CARYOPTERIS

Mastacanthus (Blue Spiraea). A handsome Hardy Perennial; grows about 3 feet high and produces rich lavender-blue flowers in great profusion the whole length of the branches. A valuable plant either for bedding or pot-culture, blooming continuously from early in September until cut by frost. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

CAMPANULAS, OR BELLFLOWERS

Indispensable, hardy garden flowers, of much variety of form, some being of tall and imposing habit; while others are dwarf, compact little plants, suitable for edging, rockwork, etc. They like a good, rich soil, and last much longer in bloom if planted in a half shady place. All of the taller growing kinds should be staked to prevent injury from high winds.

Carpatica (Carpathian Harebell). A pretty species growing in compact tufts, not exceeding 8 inches high; flowers clear blue; held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery it is unsurpassed.

—**Alba.** The white flowered form of above.

Glomerata Superba. Grows from 1½ to 2 feet high, and produces its large showy, violet-blue flowers from June to August.

Grandis. (Great Bellflower.) Very showy, large, saucer-shaped rich violet-blue flowers; May and June; 18 inches.

Groszeki. Produces its dark blue flowers all summer; 2 feet.

Lactiflora Cœrulea. Pale blue flowers during July and August; 2½ feet.

Latifolia Macrantha. Large purplish-blue flowers; May and June; 3 feet.

Medium. (Canterbury Bells). We offer this popular variety on page 170.

Persicifolia (Peach Bells). Blue flowers during June and July; 2 feet.

—**Alba.** A pure white form of the above.

Punctata. Large nodding bell-shaped flowers, white spotted purplish-rose.

Pyramidalis (Chimney Bellflower). The most conspicuous of all Campanulas, forming a perfect pyramid 4 to 6 feet high, crowded with large salver-like porcelain-blue flowers in August.

Rotundifolia. (Blue Bells of Scotland). This is the true Hare-bell with beautiful clear blue flowers from June to August; 1 foot.

Trachelium. (Coventry Bells). Purple flowers; June and July; 3 feet.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



BOLTONIA



CASSIA MARILANDICA

CASSIA

(American Senna)

Marilandica. A plant growing from three to four feet high, bushy, with large panicles of bright yellow, curiously-shaped flowers in abundant axillary clusters from July to August. The beautiful pinnate light-green foliage is very pleasing. 25 cts. each; \$2.50 per doz.; \$15 00 per 100.

CENTAUREA

(Hardheads or Knapweed)

Of easy culture, delighting in an open, sunny position, producing a wealth of bloom, which not only makes a fine display in the border, but is excellent for cutting.

Hirta nigra variegata (*Variegated Button Weed.*) Variegated green and gold foliage, and during July and August purple flowers; 2 feet.

Dealbata. Distinct bright rose-colored flowers; July to September; 18 inches.

Macrocephala. Large thistle-like golden-yellow flowers; useful for cutting and showy in the border; July and August; 3½ feet.

Montana (*Perennial Corn Flower*). Grows 2 feet high, bearing large violet-blue flowers from July to September.

— **Alba.** Large white variety of the above.

25 cts. each, \$2.50 per doz. Set of 5 sorts, \$1.00.

CEPHALARIA (Roundheads)

Alpina. When fully established attains a height of 6 feet, bearing in June and July delicate sulphur yellow flowers, not unlike the flowers of Scabiosa. 35 cts. each; \$3.50 per doz.

CERASTIUM (Snow in Summer)

Tomentosum. A desirable low-growing plant with silvery foliage and white flowers in June, suitable for the rockery, or for carpeting dry, sunny spots, or for covering graves; can also be used with good effect in carpet bedding. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DREER'S CANTERBURY BELLS

Illustrated on plate opposite.

Among the many subjects flowering in late May and June the old-fashioned Canterbury Bells are among the showiest and most effective.

Planted either in clumps of a few plants or in great masses their bold 3 foot high spikes of showy flowers in dainty tones of rose-pink, blues and whites of unsurpassed purity, make them one of the most prominent features of the garden.

They usually last in bloom from four to five weeks, which can be prolonged by pinching out the flowers as soon as they fade. As cut flowers for house decoration they are invaluable, having surprising lasting qualities.

We offer strong plants that will bloom this season.

Single Canterbury Bells. (*Campanula Medium*). We offer this fine old favorite, which we illustrate on the plate opposite, in rose-pink, blue and white.

Cup and Saucer Canterbury Bells. (*Campanula Medium Calycanthema.*) We can supply this type in rose-pink, blue and white.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

CHELONE

(Shell Flower)

Stately and handsome perennials, growing about 2 feet high, and bearing numerous spikes of large flower heads during the summer and fall.

Glabra alba. Terminal spikes of creamy white flowers.

Lyoni. Heads of showy purplish-red flowers.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

PLANS OF HARDY BORDERS

Leaflet showing plans and list of plants for filling same free on request.



CHELONE LYONI



CENTAUREA MONTANA



**DREER'S
CANTERBURY
BELLS**

(Campanula Medium)
Described and Offered
On Opposite Page



A GROUP OF GARDEN CHRYSANTHEMUMS

DREER'S GARDEN**CHRYSANTHEMUMS**

These are now universally popular for outdoor bedding, and, considering their many good qualities, there is no cause for surprise to see them cultivated so extensively. They produce a lavish profusion of blooms, giving color, life and beauty to the garden just at a time when other plants have been destroyed by frost and are looking their worst. Frost does not materially affect the flowering, and it still frequently happens that an armful of flowers can be cut late in November. They are quite hardy if planted in a well-drained position, and, with a good covering of leaves or litter during the winter, will take care of themselves.

The constantly increasing demand has induced us to try out an extensive collection, from which we have selected and offer the twenty-five most dependable varieties.

Baby. Clear, bright yellow, very small button.

Baldwin's Scarlet. Bright orange-scarlet, free and early, large button.

Beth. Early aster-flowered, claret-red.

Doris. Large button of a deep bronze-red.

Etoile d'Or. Aster-flowered, yellow.

Fairy Queen. A beautiful pink of medium size.

Globe d'Or. Lemon-yellow, with darker shadings, aster-flowered.

Golden Climax. Golden-yellow, button.

Iva. Very small, deep bronze button.

Julia Lagravere. Rich garnet, aster-flowered.

Lilian Doty. Large tall growing incurved pink.

Little Dot. Very early, small mahogany-crimson.

Lucifer. Large bright ox-blood red.

Minta. An exquisite, delicate pink, medium sized, button form.

Mme. D. L'Argentage. Blush white, aster form.

Model of Perfection. Perfect button form, white.

Mrs. F. H. Bergen. Creamy-white, with rosy-pink centre.

Mrs. Roberts. A splendid pink.

Rosinante. Large button-formed, blush-rose.

Skibo. One of the earliest buttons, opens bronze and passes to yellow.

Soleil d'Or. A fine golden-yellow.

Viola. Large button, violet-red.

White Countess. Early white, aster-flowered.

White Doty. The counterpart of Lilian Doty, but pure white.

William Sobey. Very free aster-flowered, yellow.

Price. Any of the above, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

**OLD-FASHIONED LARGE-FLOWERING
HARDY CHRYSANTHEMUMS**

We offer below 5 good large-flowering varieties, which have proved absolutely hardy in this latitude, having withstood a number of severe winters without injury, and which will be found useful for garden decoration.

Autumn Glow. Rose-crimson.

Indian. Indian-red.

Golden Queen. Yellow.

Old Homestead. Pink.

Victory. White.

20 cts. each; \$2.00 per doz.; \$12.00 per 100; The set of 5 for 75 cts.

HARDY CHRYSANTHEMUMS (Shasta Daisy, Etc.)

Arcticum (The Arctic Daisy). Among fall-flowering perennials, this is a perfect gem. It forms an attractive rosette-like clump of pretty dark-green foliage, and in September multitudes of flower stems appear, terminated by pure white flowers from 2 to 2½ inches in diameter. These begin to develop during the last week in September, and continue in good condition throughout October, and frequently into November.

Nipponicum. A Japanese species, grows 2 feet high with thick foliage, and large, pure white flowers in September and October.

Shasta Daisy "Alaska." A decided improvement on the original; with blooms 4½ to 5 inches across, of pure glistening white. Very free-flowering and in bloom all summer and fall. (See cut.)

Price, any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



CHRYSANTHEMUM SHASTA DAISY ALASKA

CIMICIFUGA (Snake Root)

Acerina or Japonica. A pretty Japanese variety with white flowers; August and September; excellent for cutting; 2½ feet.

Dahurica. Large cylindrical spikes of creamy-white flowers in September; 3½ feet.

Racemosa. A handsome native species bearing in July and August spikes of pure white flowers; well suited for planting at the back of the border, or for naturalizing at the edge of the woods; 4 to 6 feet.

Price. 35 cts. each; \$3.50 per doz. Set of 3 sorts for \$1.00.

SHRUBBY CLEMATIS

This type of Clematis forms erect bushes 2 to 3 feet high, and during their long period of bloom are very attractive.

Heracleæfolia. Tubular bell-shaped fragrant flowers of lavender blue; Aug. and Sept. 25 cts. each; \$2.50 per doz.

Recta. Handsome pure white flowers in very large, showy clusters during June and July. 25 cts. each; \$2.50 per doz.

CONVALLARIA (Lily of the Valley)

Majalis. This is often starved and neglected, and relegated to some poor, out-of-the-way corner; but this popular and fragrant subject, like most other plants, repays for being well treated, and if the bed is given a liberal top-dressing of well-decayed manure in fall or early spring it will show the effect by increased size, number and vigor of the flowers. The stock we offer is strong clumps, especially suited for outdoor planting, which should be done before the end of April. 50 cts. each; \$5.00 per doz.

CORONILLA (Crown Vetch)

Varia. A rampant creeper, with handsome globular heads of showy bright, pink and white Sweet pea-shaped flowers; a useful plant for covering rough banks or for the rockery. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



COREOPSIS LANCEOLATA GRANDIFLORA

COREOPSIS

Lanceolata grandiflora. One of the most popular hardy plants. The flowers are a rich, golden-yellow, of graceful form and invaluable for cutting; the main crop comes during the latter part of June, but it continues in bloom the entire summer and autumn. It succeeds everywhere; 2 to 3 feet.

Rosea. Finely-divided, dark-green foliage, bearing in August and September numerous small pink flowers; useful in border or rockery; 1 foot.

Verticillata. Masses of small golden-yellow flowers in July and August, on neat plants with finely divided foliage.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

DIANTHUS (Pinks)

Deltoides (*Maiden Pink*). A charming creeping variety, with medium-sized pink flowers in June and July; especially suited for the rock garden.

— **Alba.** A pretty white-flowered form.

Latifolius atrococcineus Fl. Pl. (*Ever-blooming Hybrid Sweet William*).

A beautiful summer bedding variety, producing masses of brilliant fiery-crimson double flowers throughout the entire season.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

See also *Hardy Garden Pinks*, page 191, and *Sweet William*, page 198.

DICTAMNUS (Gas Plant)

A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July, giving off on warm, sultry evenings a fragrant volatile oil, which ignites when a match is applied to the stem directly under the head of the flowers. They require a heavy, strong soil, and an open sunny position. It is not advisable to transplant often, as they improve with age, it being one of the most permanent features of the hardy herbaceous border. Instances are known where this plant has outlived father, son and grandson in the same spot. (See cut.)

Fraxinella. Showy rosy-pink flowers, with deeper veins.

— **Alba.** Pure white.

Price, either of the above, 35 cts. each; \$3.50 per doz.; \$18.00 per 100.



DICTAMNUS

DELPHINIUMS or HARDY LARKSPURS

Mrs. Ely, author of "A Woman's Hardy Garden," says:

"Perennial Larkspur may be planted as soon as the spring has opened. The ground should be well drained and carefully prepared, but manure must not be allowed to come in contact with the roots, or grubs are apt to destroy the plants. A little finely ground bone meal dug around each plant early in May will be of benefit, and in late autumn coal-ashes should be sifted over the crowns of the plants to protect them from the white grub, which is their only enemy. The stalks being very tender, the plants should be staked when they are about three feet high, to protect them from heavy wind. Larkspur begins to bloom about June 20th, and by cutting off the plants close to the ground, as soon as each crop of flowers has faded, a second and third crop of flowers will succeed. Each time the plants are cut a little bone meal should be dug about them."

Belladonna. The freest and most continuous blooming of all, never being out of flower from the end of June until cut down by hard frost. The clear turquoise-blue of its flowers is not equalled for delicacy and beauty by any other flower.

Chinense. A very pretty dwarf species, with fine feathery foliage and intense gentian-blue flowers in open panicles.

— **Album.** A pure white form of the above.

Formosum. The old favorite dark blue with white centre; 3 to 4 feet high. Very vigorous, and one of the best.

Dreer's Gold Medal Hybrids. Unquestionably the finest strain of mixed hybrids offered. The original stock came from England, and consisted of the best-named varieties. The plants are of strong, vigorous habit, with large flowers on spikes two feet and over long, the majority running in the lighter shades of blue. We can supply them in mixture only.

Price. Any of the above,
25 cts. each.
\$2.50 per doz.; \$15.00
per 100.

DIELYTRA, OR DICENTRA

Formosa (*Plumy Bleeding Heart*). A species, with finely cut ornamental foliage, growing about 15 inches high, and producing its showy pink flowers from April to August. 25 cts. each; \$2.50 per doz.

DIGITALIS (Foxglove)

The Foxgloves, old-fashioned, dignified and stately, are wholesome company in any garden. The strong flower stalks—frequently 4 to 6 feet high—rising from rich and luxuriant masses of leaves, always give an appearance of strength to the hardy border, and during their period of flowering dominate the whole garden.

Gloxiniæflora (*Gloxinia-flowered*.) A beautiful strain of finely-spotted varieties.

We offer them in *White, Purple, Rose or Mixed*.

Ambigua, or Grandiflora. Showy flowers of pale yellow, veined brown; 2 to 3 feet. **Lanata.** A distinct species, producing dense spikes, 2 to 3 feet high, of odd-looking flowers, the corolla being gray, the lip creamy-white.

25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 5 colors, \$1.00.



DIGITALIS (Foxglove)



DELPHINIUM BELLADONNA



EUPATORIUM AGERATOIDES AND CAELESTINUM

ECHINOPS

(Globe Thistle)

Sphaerocephalus. An interesting thistle-like plant with large globular heads of bluish-white attractive flowers. 3 feet. 25 cts. each; \$2.50 per doz.

EPIMEDIUM

(Barren-wort, Bishop's Hat)

Dwarf-growing plants, 8 to 10 inches high, with leathery foliage and panicles of interesting flowers; the foliage of all the varieties offered below assumes the most beautiful tints of color in autumn.

Mushianum Rubrum. Rosy red.

Niveum. Dwarf, early, pure white.

Sulphureum. Sulphur yellow.

Violacea. Rich violet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 4 sorts, 85 cts.

ERYNGIUM (Sea Holly)

Handsome ornamental plants, growing from 2 to 3 feet high. Effective in flower and shrubby border, woodlands, wild gardens, etc.; the flower heads, which are produced from July to September, are useful to cut for vases or to dry for winter bouquets.

Amethystinum. The finely-cut, spiny foliage and the beautiful thistle-like heads are of glistening amethystine-blue. A most ornamental plant. (See cut.) 35 cts. each; \$3.50 per doz.

DREER'S CANTERBURY BELLS

We offer strong plants of these that will bloom this season. See pages 170 and 171.

EUPATORIUM

Ageratoides (Thorough wort). A useful border plant of strong, free growth, 3 to 3½ feet high, with minute white flowers in dense heads; splendid for cutting; August and September.

Caelestinum. A pretty hardy plant, with light blue flowers similar to the *Ageratum*; in flower from August until frost. 18 to 24 inches.

Fraseri. Very large corymbs of pure white flowers late in September and October. 3 feet.

Purpureum Maculatum (Joe Pye Weed). A deeply colored form of the purple Joe Pye Weed, a common native plant; useful in low ground.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

EUPHORBIA (Milk Wort)

Corollata (Flowering Spurge). A most showy and useful native plant, growing about 18 inches high and bearing from June to August umbels of pure white flowers, with a small green eye; desirable for cutting.

Cyparissias. Grows from 10 to 12 inches high, and forms neat clumps with Cypress-like foliage, and during the month of May showy trusses of bright yellow flower-like bracts; very effective even when out of bloom.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



FERULA (Giant Fennel)

Communis. A noble, hardy herbaceous plant, growing 8 to 10 feet high, with fine feathery foliage. Valuable for its tropical effect when planted as an individual specimen. 50 cts. each; \$5.00 per doz.

LITTLE GEM FEVERFEW

(Matricaria)

A most useful border plant and valuable summer cut flower, with large double-white flowers; June until October; 18 to 24 inches high. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



FEVERFEW



TYPES OF HARDY FERNS

CHOICE HARDY FERNS

Suitable positions for Hardy Ferns are to be found in almost every garden. With few exceptions they do best in a shady or semi-shady position in rich well-drained soil, where they can be liberally supplied with water during dry weather. Where the soil is stiff or clayey, incorporate a liberal quantity of leaf-mould, peat or other loose material to make it friable.

Varieties marked * require a shady position. Those marked † succeed in the sun or half-shade. We give after each variety the average height of growth in inches.

* *Adiantum Pedatum* (Hardy Maidenhair). 8 to 12 in.

* *Aspidium Acrostichoides* (Wood Fern). 12 in.

* — *Marginale* (Evergreen Wood Fern). 12 to 24 in.

* — *Goldieanum* (Shield Fern). 24 to 36 in.

* — *Spinulosum*. 12 to 15 in.

* *Asplenium Filix-fœmina*. 10 to 12 in.

* — — *Victoriae*. 12 to 15 in.

† — — *Multifidum*. 12 to 15 in.

* — — *Plumosa*. 12 to 15 in.

* — — *Pulcherrimum*. 12 to 15 in.

† — — *Setigerum*. 15 to 18 in.

* — — *Cragi Laciniatum*. 15 to 18 in.

* — *Goringianum Pictum*. 10 to 15 in.

* — *Thelypteris*. 15 to 18 in.

† *Dicksonia Punctilobula* (Gossamer Fern). 24 to 36 in.

* *Lastrea Chrysoloba*. 12 in.

† — *Filix-mas* (Male Fern). 18 to 24 in.

† *Onoclea Struthiopteris* (Ostrich Fern). 24 to 36 inches.

† *Osmunda Claytonia* (Flowering Fern). 24 in. 35 cts. each.

† — *Cinnamomea* (Cinnamon Fern). 24 in. 35 cts. each.

† — *Regalis* (Royal Fern). 24 to 36 inches. 35 cts. each.

* *Phegopteris Hexagonoptera*. 10 to 12 in.

† *Polystichum Brauni*. 12 to 15 in.

† — *Setosum*. 12 in.

* *Scolopendrium Officinarium* (Hart's Tongue). 12 in. 50 cts. each.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 25 sorts, \$5.00.

FUNKIA (Plantain Lily)

The Plantain Lilies are among the easiest plants to manage; their broad massive foliage makes them attractive subjects for the border even when not in flower. They succeed equally well in sun or shade.

Cœrulea. Blue, broad green leaves; June; 4 feet.

Minor Alba. This is a perfect little gem, growing from 12 to 15 inches high with nice clean cut, green foliage and comparatively large pure white flowers, suggesting a giant form of the St. Bruno's Lily; these are produced very freely during July.

Lanceolata. Valuable by reason of its late flowering, lilac flowers in September; 2 feet.

Robusta elegans variegata. The most robust of all the variegated-leaved varieties; foliage large, green, with pretty white variegations; July; 2½ feet.

Subcordata Grandiflora. Very large, pure white, lily-shaped, fragrant flowers in August and September; 2½ to 3 feet. 35 cts. each; \$3.50 per doz.; \$20.00 per 100.

Undulata media picta. Green and white variegated foliage; purple flowers. Makes a fine edging; July; 2 feet.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 varieties for \$1.50.



FUNKIA SUBCORDATA GRANDIFLORA

GAILLARDIA (Blanket Flower)

Grandiflora. One of the showiest hardy plants, growing about 2 feet high and succeeding in any soil in a sunny position; beginning to flower in June; they continue the entire season. The large flowers are of gorgeous coloring. The centre is dark-red brown, while the petals are marked with rings of brilliant crimson, orange and vermillion, and often a combination of all in one flower; excellent for cutting. (See cut.) 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

GENTIANA

Andrewsii (*Blue Gentian*). A pretty native species, growing about 2 feet high; flowers fine blue; in August. 25 cts. each; \$2.50 per doz.

GERANIUM (Crane's Bill)

Nepalense. Bright rose flowers in June; 1 foot.

Platypetalum. Large rosy-purple flowers in June; 1½ feet.

Sanguineum. A desirable plant; with pretty cut foliage and bright crimson flowers; blooms the entire season; 18 inches.

— **Album.** Pure white variety of above.

Price. 25 cts. each; \$2.50 per doz. Set of 4 sorts, 85 cts.

GEUM (*Avena*)

Pretty border plants, growing about 15 inches high; and producing showy, bright-colored flowers from May to July.

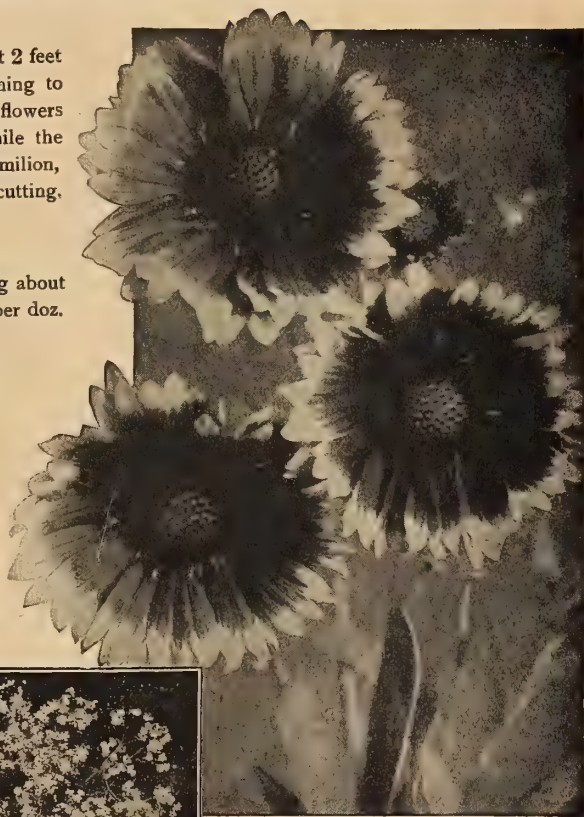
Coccineum. Brilliant scarlet flowers.

Heldreichii. Rich orange-colored flowers, very free.

Miniatum, Perry's Variety. A splendid improvement on this brilliant rich orange-colored variety, and one of the earliest perennials to flower in spring. 50 cts. each.

Mrs. Bradshaw. Large double brilliant scarlet; in flower throughout the entire summer.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



GAILLARDIA GRANDIFLORA

Gillenia (*Bowman's Root*)

Trifoliata. A strong-growing perennial; admirable for the border or for use in connection with shrubs, with handsome trifoliate foliage and numerous white flowers, tinged with pink; July; 3 feet. 25 cts. each; \$2.50 per doz.

**GLECHOMA, OR
NEPETA****Variegata** (*Variegated Groundsel,*

or Ground Ivy.) A most useful variegated creeper for growing over banks and stones in the rockery. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

GYPHOPHILA (*Baby's Breath*)

The Gypsophilas will thrive in any soil in a sunny position, and on account of their gracefully arranged large panicles of minute flowers should be in every garden.

Paniculata. A beautiful old-fashioned plant, possessing a grace not found in any other perennial. When in bloom during July and August it forms a symmetrical mass 2 to 3 feet in height, and as much through, of minute pure white flowers, forming a beautiful gauze-like appearance. When cut it is exquisite in combination with other flowers. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Repens. An elegant trailing plant for the rockery, with clouds of small white flowers in July and August. 25 cts. each; \$2.50 per doz.

PLANS OF HARDY BORDERS

We have a leaflet showing several plans of Hardy Borders and list of plants to fill same. Copy free on request.



GEUM



ORNAMENTAL GRASS, EULALIA JAPONICA ZEBRINA

Festuca Glauc (*Blue Fescue*). A pretty dwarf tufted Grass, with glaucous foliage; 8 to 10 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Gynerium Argenteum (*Pampas Grass*). One of the most effective. Its silvery plumes are produced on stems 8 to 10 feet high. Well established plants can remain in the open ground if protected. Strong, heavy pot-grown specimens \$1.00 each.

Pennisetum Japonicum (*Hardy Fountain Grass*). This variety grows about 4 feet high, foliage narrow, of a bright green, while the cylindrical flower heads, carried well above the foliage, are tinged with bronze purple, one of the most valuable hardy grasses. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Phalaris Arundinacea Variegata (*Variegated Ribbon Grass or Gardener's Garters*). Large variegated foliage; an excellent grass for bordering large beds; 12 to 15 inches. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Uniola Latifolia (*Spike Grass*). One of the finest of our native Grasses; 3 to 4 feet high, with very ornamental flat heads in graceful drooping panicles. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

HELENIUM (Sneeze Wort)

All of these are desirable border plants, succeeding in any soil in a sunny location, with broad-spreading heads of flowers, useful for cutting, each species covering a long-blooming season.

Autumnale Superbum. Golden-yellow flowers during the late summer and fall months; 5 to 6 feet.

— **Rubrum**. New bright terra-cotta red variety; August and September; 4 feet.

Hoopesi. Pure orange-yellow flowers, 2½ inches across, and the earliest to flower, coming in early in June and continuing throughout the summer; 2 feet.

Riverton Beauty. Rich lemon-yellow, with large purplish-black cone; August and September; 4 feet.

Riverton Gem. Old gold, changing to wallflower red.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 5 sorts, \$1.00.

Hardy Ornamental Grasses

The ornamental grasses can be used with telling effect in borders, large beds, or by the margin of ponds and lakes. They are often used with small shrubs and medium-sized trees in wide borders. The Eulalias, planted singly on lawns where the soil is deep and rich, take care of themselves, and grow rapidly into large specimens. In large, round beds, with ornamental Grasses as the principal feature, the effect is heightened by the addition of such plants as Cannas or dwarfier flowering plants near the margin.

Arrhenatherum bulbosum variegatum. A pretty dwarf tufted Grass; leaves green and white; 6 to 8 inches. 25 cts. each; \$2.50 per doz.

Elymus Glaucus (*Blue Lyme Grass*). A handsome Grass, with narrow glaucous silvery foliage; well adapted for the border or the edge of beds containing taller sorts; 2 feet. 35 cts. each; \$3.50 per doz.

Erianthus Ravennæ (*Plume Grass or Hardy Pampas*). Grows from 10 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It closely resembles the Pampas Grass. 25 cts. each; \$2.50 per doz; clumps, 50 cts. each.

Eulalia Gracillima Univittata (*Japan Rush*). Of graceful habit, with very narrow foliage; of a bright green color, with a silvery midrib; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps; 50 cts. each.

Eulalia Japonica. Has long narrow, graceful green foliage, and when in flower the attractive plumes are 6 to 7 feet high. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Variegata. Very ornamental; long, narrow leaves, striped green, white and often pink or yellow. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Zebrina (*Zebra Grass*). The long blades of this variety are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.

Eulalia Japonica Zebrina Stricta. A more erect-growing form of the Zebra Grass, with the transverse variegation of green and yellow appearing more pronounced; a desirable addition; 6 to 7 feet. 25 cts. each; \$2.50 per doz.; clumps, 50 cts. each.



HELENIUM

HELIANTHUS

(Hardy Sunflowers)

The perennial Sunflowers are among the most effective hardy plants for large borders for planting among shrubbery, or as clumps on the lawn. They are remarkably free-flowering, will succeed in any soil, and are invaluable for decorative purposes, or as cut flowers during the summer and autumn.

Angustifolius. Bright yellow medium-sized flowers; August and September; 3 to 4 feet.

Giganteus. A native variety, with medium-sized bright canary-yellow flowers in September and October; 6 feet.

Maximiliani. The latest of all, perfecting its fine golden-yellow flowers in long, graceful sprays during October, when all others have finished flowering; invaluable for cutting; 5 to 7 feet.

Mollis. Large, single lemon-yellow flowers with downy white foliage; blooms in August and September; 4 feet.

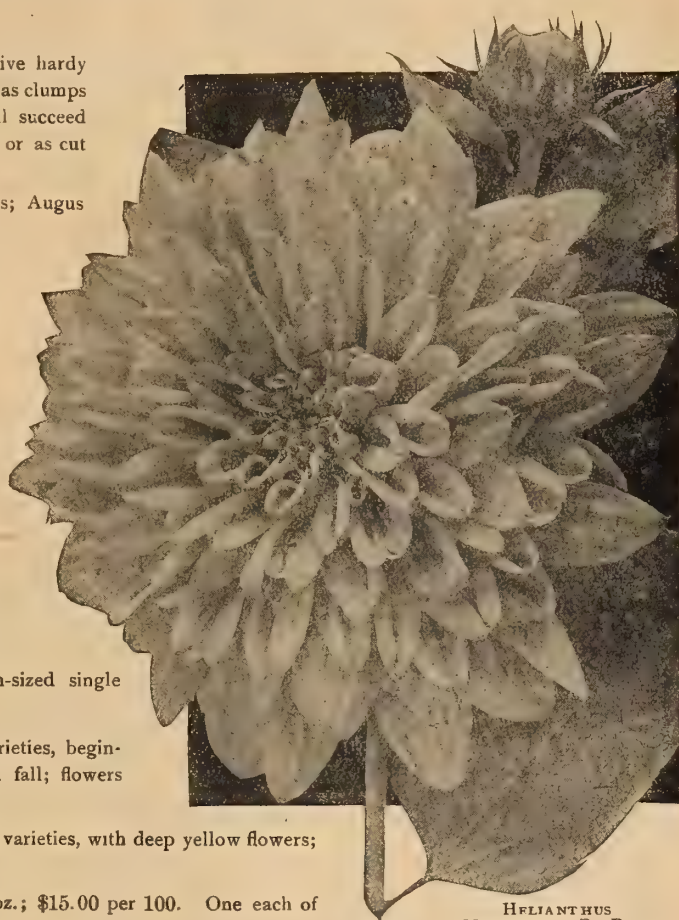
Multiflorus Fl. Pl. (Double Hardy Sunflower). Large, double Dahlia-like golden-yellow flowers in great profusion during July and August; 4 feet. (See cut.)

Orgyalis. A tall variety, 6 feet high, with medium-sized single golden-yellow flowers during September.

Rigidus Japonicus. One of the most desirable varieties, beginning to bloom early in July and continuing until fall; flowers golden-yellow, with dark centres; 5 feet.

Woolley Dod. The best of the September-flowering varieties, with deep yellow flowers; entirely distinct; 6 feet.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 8 sorts for \$1.75.

HELIANTHUS
MULTIFLORUS FL. PL.**HEPATICA (Liver Leaf)**

Triloba. A pretty native spring-flowering plant, with pretty blue flowers. 25 cts. each; \$2.50 per doz.



HELIOPSIS SCABRA ZINNIAEFLORE

HELIANTHEMUM (Rock, or Sun Rose)

Exceedingly pretty low-growing evergreen plants, forming broad clumps, and which during their flowering season, July to September, are quite hidden by a mass of bloom; well adapted for the front of the border, the rockery, or a dry, sunny bank. Choice mixed varieties, 25 cts. each; \$2.50 per doz.

HELIOPSIS (Orange Sunflower)

Similar in general habit to Helianthus, but commencing to flower earlier in the season; July and August; of dwarfer habit, rarely exceeding 3 feet in height; very valuable for cutting.

Pitcheriana. A desirable variety. The flowers are of a beautiful deep golden-yellow, about two inches in diameter, of very thick texture and a useful cut flower.

Pitcheriana Semi-plena. A semi-double form of the above.

Scabra Excelsa. A new variety with very rich chrome-yellow flowers, turning to a bright yellow as they mature. These are almost double, having from 4 to 5 rows of petals, and are produced very profusely. The plant is of robust growth, about 3 feet high, and from mid-July to the end of August makes an effective display.

Scabra Zinniaeflora. A double-flowering form of the Orange Sunflower, growing about 24 inches high, and producing golden-yellow flowers closely resembling a Zinnia in form; desirable for cutting. (See cut.)

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 4 varieties for 85 cts.

DREER'S CANTERBURY BELLS

We have a splendid lot of these this season. See pages 170 and 171.



GIANT FLOWERING MARSHMALLOW

HEMEROCALLIS

(Yellow Day Lily)

Popular hardy plants belonging to the Lily family. They succeed everywhere, and should always be included in the border of old-fashioned hardy plants.

Aurantiaca. Large, trumpet-shaped, pleasing neutral orange color, tube, stamens and reverse of petals bright Indian-yellow, sweet scented, 3 to 4 feet high; June and July. 35 cts. each; \$3.50 per doz.

Dumortieri. Very dwarf; 18 inches; flowering in June; rich cadmium-yellow; buds and reverse of petals bronze-yellow.

Flava (*Yellow Day Lily*). The best known variety; very fragrant; deep lemon-yellow flowers in June and July; height, 2½ to 3 feet.

Florham. A strong grower, 3 to 3½ feet high, large trumpet-shaped flowers; rich, golden-yellow, with Indian-yellow markings; June and July. 35 cts. each; \$3.50 per doz.

Fulva (*Tawny Day Lily*). Grows from 4 to 5 feet high, with trumpet-shaped flowers of a neutral orange color with darker shadings; June and July.

Gold Dust. Of a bright Indian-yellow color; buds and reverse of petals bronzy-gold; 2½ feet high; May and June.

Kwanso Fl. Pl. Large double orange flowers with darker shadings; July and August; 4 to 5 feet.

Luteola. Bright golden-yellow with Indian-yellow shadings; June and July. 35 cts. each; \$3.50 per doz.

Thunbergi. The latest to flower; rich butter-cup yellow, funnel-shaped flowers throughout July; 4 feet.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 9 varieties, \$2.25.

DREER'S CANTERBURY BELLS

We have a splendid stock of these this season in very strong plants that will bloom freely this year. For description and price see page 170.

HEUCHERA (Alum Root, or Coral Bells)

Most desirable dwarf, compact, bushy plants of robust constitution and easy culture, growing 1½ to 2 feet high, and bearing during July and August loose, graceful spikes of flowers in the greatest profusion; excellent subjects either for the border or rockery, and of great value for cutting.

Gracillima. A very free-flowering rosy-pink.

Lady Greenall. The most brilliant rich crimson-scarlet variety yet introduced. 50 cts. each; \$5.00 per doz.

Sanguinea. Bright coral-red.

— **Alba.** Creamy-white.

Virginal. Creamy-white.

Price, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 5 sorts for \$1.25.

HIBISCUS (Mallow)

A desirable border plant, succeeding in any sunny position, but doing best in a damp place; grows 3 to 5 feet high, with large foliage and large, showy flowers of delicate coloring, produced during the entire summer.

Mallow Marvels. A robust type of upright habit, producing an abundance of flowers of enormous size in all the richest shades of crimson, pink and white; mixed colors.

Moscheutos (*Swamp Rose Mallow*). Flowers 6 inches in diameter; of a light rosy-red color, with darker eye.

— **"Crimson Eye."** Flowers of immense size, of the purest white, with a large spot of deep velvety crimson in the centre.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

**New Giant-flowering
Marshmallows
or Hibiscus**

A wonderfully improved form of our greatly admired native Marshmallow or Rosemallow, in which not only the colors have been greatly intensified, but in which flowers of enormous size, frequently 10 to 12 inches in diameter, have been developed. These plants can be highly recommended for all kinds of plantings. They appear to be equally at home in all positions, having the same vigor in dry and wet ground and are perfectly hardy. They grow from 5 to 8 feet high, and are very floriferous, blooming from early in July until late in September. We offer three distinct colors—Red, Pink and White—in strong two-year-old roots, 35 cts. each; \$3.50 per doz.; \$25.00 per 100. One each of the three colors for \$1.00.



HEUCHERA



HEMEROCALLIS (Day Lily)

DREER'S SUPERB HOLLYHOCKS

Stately, majestic, hardy plants, from 6 to 8 feet high, which are a necessary part of every old-fashioned garden, and should also find a place interspersed with shrubbery, as clumps on the lawn or in the mixed border, where their colossal spikes of bloom produce bold and showy effects, which cannot be secured with any other flowering plant.

The Hollyhock requires a deeply dug, well-drained soil, enriched with thoroughly decayed manure, and should be liberally supplied with water during dry weather. A slight protection throughout the winter will be beneficial. An occasional spraying with Bordeaux mixture, which should be applied early in the growing season, usually prevents the disease, which is prevalent in some localities. We offer the best Double, Fringed and Single sorts as under:

Double White	Double Yellow	Double Maroon
Double Rose	Double Red	Double Mixed

Newport Pink. A charming variety, for which we were awarded a certificate of merit by the Royal Horticultural Society of England. It is of strong, vigorous habit, producing colossal spikes of very double pure pink flowers, a shade that is eagerly sought for in all classes of plants.

Allegheny. Mammoth flowers, wonderfully formed of loosely arranged fringed petals. The colors vary from the palest shrimp-pink to deep red. Mixed colors.

Single. Many prefer the single-flowering Hollyhocks. They are usually of freer growth than the doubles, and present a very handsome appearance when covered with their artistic blossoms. We can supply in mixed colors only.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

HOUSTONIA (Bluets, Quaker Lady or Innocence)

Serpyllifolia. A low creeper, best adapted to grow on a rockery in moist situation; where it forms broad carpets of foliage, which in very early spring is hidden beneath a cloud of small but showy light-blue flowers. One of the earliest spring flowers. 25 cts. each; \$2.50 per doz.

IBERIS (Hardy Candytuft)

Sempervirens. Most desirable dwarf plants (8 to 10 inches), with evergreen foliage, which is completely hidden with dense heads of pure white flowers early in the spring. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



NEWPORT PINK HOLLYHOCK



HYPERICUM MOSERIANUM

HYPERICUM (St. John's-wort)

Adpressum. A native variety, growing in dense masses, which makes it useful as a ground cover, particularly in damp places; 6 to 8 inches.

Moserianum. A most desirable border plant, of free and graceful habit, producing long, slender, much-branched stems, leafy to the base and all drooping towards the ends, apparently from the weight of the flowers and buds, although the flowers face, so none of their beauty is lost. It is marvelously free-flowering, of large size, measuring from 2 to 2½ inches in diameter; in color a rich golden yellow, which is rendered still more effective by the numerous yellow stamens and crimson anthers, and blooms continuously the entire season; 2 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

INULA (Flea Bane)

Effective free-flowering plants, blooming from June to August.

Ensifolia. Very free-flowering, light yellow; 18 inches.

Montana. Very free flowering; deep yellow flowers, 1½ feet.

Oculus Christi. Large golden flowers, with dark centres; 2 feet.

25 cts. each; \$2.50 per doz.



IRIS GERMANICA

- Aurea.** Rich chrome-yellow.
- Blue Boy.** Standards and falls of a beautiful lavender-blue.
- Bridesmaid.** Standards white, shaded silvery-lilac, falls soft lilac, very attractive.
- Celeste.** Standard and falls delicate azure-blue.
- Cherion.** Standards lilac-mauve; falls violet-mauve.
- Florentina Alba.** Very free-flowering white.
- Gazelle.** White frilled rich mauve.
- Honorabilis.** Standards golden-yellow; falls rich mahogany-brown.
- Johan de Witt.** Standards bluish-violet; falls deep violet-purple; veined with white.
- La Beaute.** A beautiful violet-blue, distinct from all others. 30 cts. each; \$3.00 per doz.
- Lord Salisbury.** Standards amber-white; falls dark violet-purple.
- Mme. Chereau.** Standards and falls pure white; daintily edged with light blue.
- Mrs. H. Darwin.** Standards white, falls reticulated violet.
- Ossian.** Standards light yellow, falls bronze at base, shading to purple at tip, very distinct. 30 cts. each; \$3.00 per doz.

Price. Any of the above, except where noted, 20 cts. each; \$2.00 per doz.; \$12.00 per 100. Set of 25 varieties for \$4.00.

IRIS GERMANICA MIXED VARIETIES

15 cts. each; \$1.50 per doz.; \$10.00 per 100.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

Superb New Iris Germanica

A splendid collection of the latest introductions, embracing not only new colors, but improved forms.

King of Iris. A striking novelty, with flowers of perfect form, the standards clear lemon color, falls deep satiny-brown, with a broad border of golden-yellow.

Lohengrin. Foliage and flowers of gigantic size, with petals 2 inches wide, of a deep violet-mauve.

Loreley. Perfect-shaped flowers, falls of a deep ultramarine-blue, more or less veined with creamy-white and bordered sulphur-yellow, making a beautiful contrast.

Mithras. Flowers of good size, standards pale yellow, falls violet, shaded with claret and yellow border.

Nibelungen. Standards fawn-yellow, falls violet-blue, with fawn margin; distinct and pretty.

Princess Victoria Louise. Standards pure sulphur-yellow, falls rich plum color, with cream-colored edges.

Price. Any of the above 50 cts. each; \$5.00 per doz. Set of the 6 sorts, a fine collection, \$2.50.

Special attention is directed to the offer of the **Two Great Golden-Yellow and Royal Purple Iris Germanica** on opposite page.

GENERAL COLLECTION OF

DREER'S RAINBOW

IRIS GERMANICA

The Iris Germanica are among the most desirable and easiest grown of our spring-flowering hardy-plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots. Avoid fresh manure in preparing your border.

Othello. Standards violet-blue; falls deeper with white markings.

Pallida Dalmatica. One of the finest of the Germanica type, of strong vigorous habit, growing in good soil 4 feet high, with exceptionally large, fragrant flowers; standards lavender, falls lavender shaded blue; exquisite in every way and fine for massing. 30 cts. each; \$3.00 per doz.

Pallida Mandraliscae. Rich lavender-purple, large and handsome; very early. 30 cts. each; \$3.00 per doz.

Pallida Speciosa. Standards dark-lavender with lighter shadings; falls shaded light purple. 30 cts. each; \$3.00 per doz.

Plicata. Standards and falls bright violet-purple.

Plumeri. Standards rose-mauve, with metallic sheen; falls vinous-mauve.

Rembrandt. Standards light lavender, falls deeper.

Shakespeare. Standards straw-yellow; veined with burnt umber; falls deep carmine-violet.

Tinnæ. Deep ageratum-blue.

Trautlieb. A most pleasing shade of rosy-lilac.

Velveteen. Standards canary yellow; falls creamy white, heavily veined with purplish-maroon.

Two Great Iris Germanica

In Golden Yellow and Royal Purple

Golden Yellow (*Sherwin-Wright*). In this grand novelty we have what has long been wanted, a good vigorous growing, free-flowering, golden yellow Iris Germanica, the few yellow sorts now in commerce being deficient in these important characteristics. The plants grow about two feet high; the flowers, which are produced in lavish profusion, are of splendid texture and stand well above the foliage, and are of a rich golden yellow without markings or shadings. (See cut).

Royal Purple (*Atropurpurea*). A splendid, large, very free-flowering, pure, rich royal-purple, without the slightest shadings, a splendid companion to plant with Sherwin-Wright, the rich purple of *Atropurpurea* with the golden yellow of Sherwin-Wright forming a beautiful color combination.

Price. Either of the above, 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

IRIS INTERREGNA

An interesting new type, for which there promises to be a great future. They bloom earlier than the German Iris, and the flowers combine perfection of form with large size and clear and decided colors. The foliage is dwarf, and maintains its freshness throughout the season. The flower stems are about 18 inches high, holding the flowers well above the foliage.

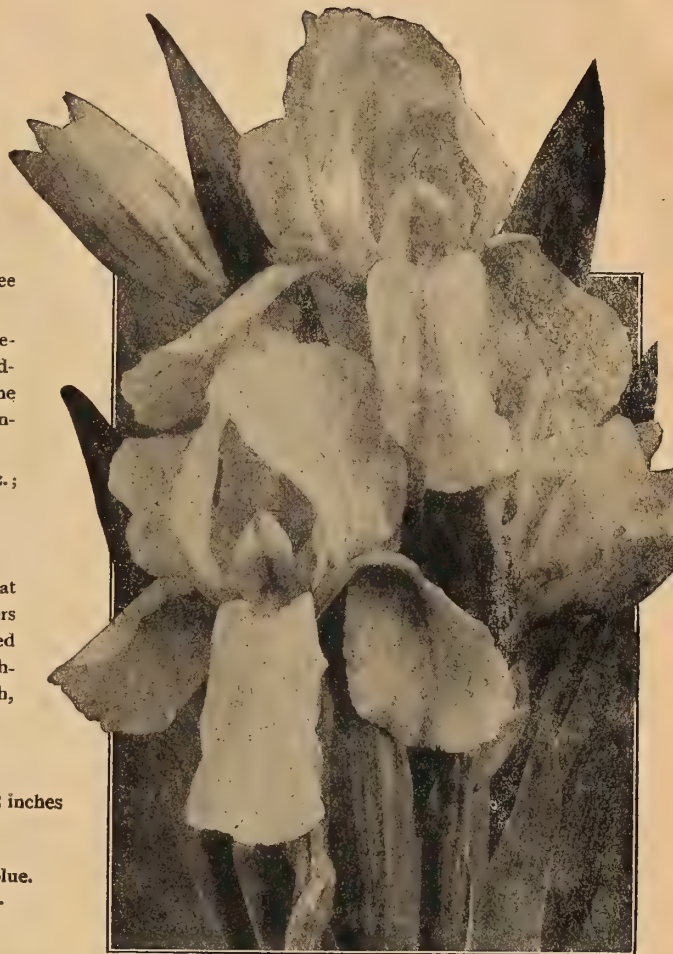
Gerda. Standards creamy yellow, falls darker veined yellow.

Helge. Light citron with pearl colored centre

Ingeborg. Pure white, flowers 5 inches deep, with petals 2 inches wide. A grand flower.

Spectabilis. Rich, free-flowering, violet-purple.

Walhalla. Standards light lavender-blue, falls satiny violet-blue. 25 cts. each; \$2.50 per doz. Set of 5 varieties for \$1.00.



GOLDEN YELLOW GERMAN IRIS SHERWIN-WRIGHT

VARIOUS IRIS

We offer below some of the very finest species and varieties.

Cristata. A dainty native species 3 inches high, rich amethyst-blue; May. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Gracilipes. A variety from Japan, growing about 8 inches high, which when established produces in May masses of delicate lilac-shaded flowers which are much admired. 25 cts. each; \$2.50 per doz.

Kämpferi (*Japanese Iris*.) See page 184.

Pumila Cœrulea. Rich cœrulean-blue, the earliest to bloom, forms dense, compact clumps covered with bloom. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

Pumila Hybrida. A cross between *I. pumila* and *I. germanica*. Very showy. Early flowering. 10 to 12 inches high.

— **Cyanea.** Rich royal purple with blackish shadings.

— **Excelsa.** A splendid pale lemon-yellow.

— **The Bride.** A large, showy, pure white.

25 cts. each; \$2.50 per doz. One each of 3 sorts for 65 cts.

Pseudacorus. The common yellow Water Flag, suitable for marshes and water courses. May and June, 4 feet. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Sibirica. Purplish-blue flowers on slender scapes 3 feet high; useful for cutting. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

— **Orientalis.** Rich, violet-blue; very free and one of the best. June, 3½ feet. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

— **Snow Queen.** A variety of great merit; forms an attractive plant; flowers snowy white. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



IRIS INTERREGNA

DREER'S IMPERIAL

JAPANESE IRIS (*Iris Kaempferi*)

The improved forms of this beautiful flower have placed them in the same rank popularly as the Hardy Phloxes and Peonies. Coming into flower about the middle of June, and continuing for five or six weeks, they fill in a period when flowers of this attractive type are particularly welcome.

They succeed in almost any soil and position, but like rich soil and plenty of water when they are forming their buds and developing their flowers.

Valuable as cut flowers, for which purpose they should be cut in the bud state, permitting the blooms to expand after being placed in water.

Order by name or number

- No.
 2 **Tora-odori.** Pure white, faintly traced with violet.
 4 **Yomo-no-umi.** A fine free-flowering early creamy-white. 6 petals.
 10 **Shiga-no-ura-nami.** Violet-purple, veined with white, 6 petals.
 11 **Hano-no-nishiki.** Bright violet, white veinings.
 15 **Gekka-no-nami.** Very early pure white.
 18 **Meiran.** Light ground, marbled and veined with light violet.
 22 **Sano-watashi.** Large mid-season, pure white, 6 petals.
 31 **Rinho.** Rich, lively purple, with white veinings, 6 petals.
 39 **Fuki-yose.** Light ground color, marbled with aniline-blue, 6 petals.



SIX-PETALED
JAPANESE IRIS



LIATRIS

- 43 **Shi-un-ryo.** Greyish-white, deeply and densely veined and suffused with violet.
 55 **Shuchiukwa.** Crimson-purple, with large white veins and centre.
 60 **Kagaribi.** Silvery-white, traced and marbled ultramarine-blue, 6 petals.
 62 **Misutmoshito.** Violet-purple, marbled with white.
 69 **Waku-hotei.** Pure white, veined throughout with purple, 6 petals.
 72 **Uji-no-hotaru.** Bright violet-purple, shaded with blue, 6 petals.
 83 **Washi-no-wo.** Mottled violet-purple, shading to bright violet in centre.
 86 **Sei-o-bo.** Pure white, occasionally marked with bright violet-purple.
 93 **Hizakura.** Light violet, with blue shadings, very double, 6 to 9 petals.
 97 **Shiro-fungen.** Light ground, suffused throughout with bluish-violet, with darker veinings.
 99 **Komanyo.** Bright violet, shaded blue, with white veins and markings.
 100 **Yomo-zakuru.** Light ground color, densely veined and suffused reddish-purple.
 105 **Nagano.** Rich violet-purple, shaded with blue, 6 petals.
 107 **Tokyo.** The finest pure white, 6 petals.
 112 **Kamata.** Light ground color, densely marbled and veined with deep violet-purple.
Price. Any of the above, 35 cts. each; \$3.50 per doz.; \$25.00 per 100. Set of 24 sorts for \$6.00.

JAPANESE IRIS IN MIXTURE

20 cts. each; \$2.00 per doz.; \$15.00 per 100.

LAVANDULA (Lavender)

Vera. This is the true Sweet Lavender; grows about 18 inches high; delightfully fragrant blue flowers in July and August. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LIATRIS (Blazing Star, or Gay Feather)

Pycnostachya. Showy and attractive native plants, succeeding anywhere, producing large spikes of light rosy-purple flowers in July and August; 5 feet.

Scariosa. Deep crimson-purple in spikes 3 to 4 feet high.
 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LINUM (Flax)

Perenne. A desirable plant for the border or rockery, growing 2 feet high, with light, graceful foliage and large blue flowers all summer. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

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LUPINUS POLYPHYLLUS

LOBELIAS

Handsome border plants, thriving in any ordinary garden soil, but preferring a moist, deep loam, where they will not suffer from drought. Few plants are more effective at their season of bloom, which extends from early in August till late in September.

Cardinalis (*Cardinal Flower*). Rich, fiery, cardinal flowers; strong plants, often producing 10 to 18 spikes, 24 to 30 inches long.

Syphilitica Hybrida (*Great Lobelia*). A choice selection of our native Lobelia, producing large spikes of flowers varying from blue to pure white; July to September; 2 to 3 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LUPINUS POLYPHYLLUS (Lupine)

Effective plants, producing large spikes of flowers; blooming in May and June. They require only well-prepared garden soil and to be kept watered in dry weather. 3 feet.

Polyphyllus. Clear blue. 35 cts. each; \$3.50 per doz.

— **Albus**. A white variety of above. 35 cts. each; \$3.50 per doz.

— **Moerheimi**. A combination of light and dark shades of pink without a trace of magenta. 50 cts. each; \$5.00 per doz.

LYSIMACHIA

Ciliata (*Fringed Loose-strife*). Yellow flowers in July. 2 feet.

Clethroides (*Loose-strife*). A fine hardy variety about 2 feet high, with long, dense, recurved spikes of pure white flowers from July to September.

Fortunei. A neat variety, growing about 18 inches high, with dense, upright spikes of white flowers in August.

Numbularia (*Creeping Jenny, or Money-wort*). Valuable for planting under trees or shrubs where grass will not grow, where it quickly forms a dense carpet.

Punctata. Yellow flowers during July and August. 2 to 3 feet.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

LYCHNIS (Campion)

All of the *Lychnis* are of the easiest culture, thriving in any soil, and this, in addition to their brightness, has brought them into high favor with lovers of hardy plants. Perhaps no class of plants has more common or popular names, of which the following is but a partial list: *Campion*, *Jerusalem Cross*, *Lamp Flower*, *Maltese Cross*, *Ragged Robin*, etc.

Chalcedonica. A most desirable plant, heads of brilliant orange-scarlet in June and July; grows 2 to 3 feet high. (See cut.)

Chalcedonica alba. A white-flowered form of above.



LYCHNIS CHALCEDONICA

Haageana. Brilliant orange-scarlet flowers in May and June; 12 inches.

Viscaria, Double Red. Forms a dense tuft of evergreen foliage, and in June sends up spikes of handsome, double, deep red, fragrant flowers; 1 foot.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 4 varieties for 85 cts.

LYTHRUM

Roseum Superbum (*Rose Loose-strife*). A strong-growing plant, 3 to 4 feet high, thriving in almost any position, producing large spikes of rose-colored flowers from July to September. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Roseum, Perry's Variety. A splendid improvement with much larger flowers and longer spikes than the type, and of a glistening cherry-red color. 35 cts. each; \$3.50 per doz.

Virgatum. Compact habit of growth and soft rosy-purple flowers. 2 feet, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



LYSIMACHIA CLETHROIDES



MONTBRETIAS

MARSHALLIA

Trinervis. A useful plant for a shady, damp spot, of neat habit, about 15 inches high, bearing freely from June to August heads of white flowers, tinted flesh. 25 cts. each; \$2.50 per doz.

MERTENSIA (Blue Bells)

Virginica. An early spring-flowering plant, growing about 1 to 1½ feet high, with drooping panicles of handsome light blue flowers, fading to clear pink; one of the most interesting of our native spring flowers; May and June. 25 cts. each; \$2.50 per doz.

MONARDA (Bergamot)

Showy plants growing from 2 to 3 feet high, succeeding in any soil or position, with aromatic foliage, and producing their bright flowers during July and August.

Didyma Cambridge Scarlet (Oswego Tea). Brilliant crimson-scarlet.

— **Rosea.** (*Bee Balm*). A pretty rose-colored form.

— **Salmonea.** Salmon-rose color, very distinct.

— **Violacea.** Bright amaranth red.

Fistulosa Alba (Wild Bergamot). A white-flowered variety.

25 cts. each; \$2.50 per doz.; \$15.00 per 100. The set of 5 varieties \$1.00.

MYOSOTIS (Forget-Me-Not)

Palustris Semperflorens. A variety that is hardly ever out of flower; useful in a shady spot in the border. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

NEPETA (Catmint)

Mussini. Forms a bushy plant about 18 inches high, flowers small, of a violet-purple, but produced in such masses as to make a pretty color effect during July and August. 25 cts. each; \$2.50 per doz.

NIEREMBERGIA (Cup-flower)

Rivularis. A charming dwarf creeping Alpine plant, bearing large creamy-white, cup-shaped flowers from June till September; most desirable plants for the rockery, and succeed equally well in the border. 25 cts. each; \$2.50 per doz.

MONTBRETIAS

One of the brightest of our summer-flowering bulbs, and should be set out during April or May. They should be protected during the winter with a heavy covering of leaves or litter.

Fire King. Rich glowing crimson-scarlet.

George Davison. A strong growing variety, with large orange-yellow flowers.

Golden West. Beautiful, large well-expanded flowers of pure golden-yellow.

Hereward. Pure yellow, reverse of petals orange; large flowers.

Lady Hamilton. Very free flowering, yellow, centre suffused rosy-apricot.



MONARDA DIDYMA

Rheingold. A robust growing variety, with flowers of a rich golden-yellow, shading lighter towards the centre, which is marked with crimson-brown blotches.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

One each of the 6 sorts for \$1.25.

OENOTHERA

(Evening Primrose)

The evening Primroses are elegant subjects for growing in an exposed sunny position, either in the border or on the rockery, blooming the greater part of the summer.

Missouriensis. Large golden yellow; 1 foot.

Pilgrimi. Large clusters of bright yellow flowers.

Speciosa. Pure white flowers 3 inches across; 18 inches.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



OENOTHERA

Large Oriental Poppies

Papaver Orientale -

These are the regal representatives of this popular genus, growing 3 to 3½ feet high, and far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant coloring nothing equals them during their period of flowering in May and June, and whether planted singly or in masses their large flowers and freedom of bloom renders them conspicuous in any position. They are of the easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam; set the plants out in fall or early spring before the first of May—give them water occasionally during dry spells in the early part of the season; mulch with stable litter in fall, and they will increase in size and floriferousness for several years. After flowering the plants die back, usually reappearing in early September, or as soon as the weather gets cool. During this resting period care should be taken in cultivating the beds that the roots are not disturbed, any disturbance at this time usually resulting in failure.

Goliath. Fiery scarlet.

Mahony. Dark crimson maroon, shaded mahogany.

Mrs. Perry. Salmon-rose.

Oriflamme. A large, gorgeous orange-scarlet.

Perry's White. Very distinct, pure satiny-white, with a crimson-maroon blotch at the base of each petal. 50 cts. each; \$5.00 per doz.

Gerald Perry. One of the most beautiful Oriental Poppies yet raised, large flowers of a uniform shade of apricot-pink, conspicuously blotched crimson. 50 cts. each; \$5.00 per doz.

Price. Any of the above, except where noted, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the 6 sorts for \$1.75.



PERRY'S WHITE ORIENTAL POPPY

PAPAVER NUDICAULE (Iceland Poppies)

The plant is of neat habit, forming a tuft of bright green fern-like foliage, from which spring, throughout the entire season, a profusion of slender leafless stems 1 foot high, each graced with charming cup-shaped flowers. We offer them in three colors, viz., white, yellow and orange-scarlet, or in mixture. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

PACHYSANDRA

Terminalis. A trailing plant, 6 to 8 inches high, forming broad mats of bright, glossy green foliage and small spikes of flowers during May and June; invaluable as a cover plant either in sun or shade. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

PARDANTHUS (Blackberry Lily)

Sinensis. Lily-like flowers of bright orange during July and August on 2½ feet high stems, followed in September with seeds which resemble blackberries; will grow and do well in any soil in a sunny location. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

JAPANESE SINGLE PEONIES

No other plant flowering at the same season can vie with the Single Peony for beauty, and a well-established bed, when in full bloom with the large silky flowers and appearing like immense Single Roses, is simply gorgeous.

Dragon. Brilliant deep rosy-crimson; very large.

Lemon Queen. Lemon tinted white.

Mikado. Fine deep rose.

75 cts. each; one each of the three sorts for \$2.00.

DOUBLE HERBACEOUS PEONIES

We offer on page 188 an exceptionally fine collection of these popular favorites.

PLANS OF HARDY BORDERS

We have prepared a leaflet showing several of these, together with list of suitable plants for sun or shade. Copy free on request.



ICELAND POPPIES



DOUBLE HERBACEOUS PEONY

Dreer's Fragrant Peonies

The wonderfully improved Peonies introduced in recent years are truly the "Queen of Spring Flowers," and are well adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubby border, where their brilliant hues add attraction to all around. Their requirements are so simple—a good, rich, deep soil, and an open, sunny position; which, however, is not absolutely necessary, as they thrive almost equally as well in a partly shaded position, and a liberal supply of water during their growing season being sufficient to give an abundance and wealth of flowers, which rival the finest Roses in coloring and fragrance, and produce during their flowering season a gorgeous effect not equalled by any other flower. They are perfectly hardy, requiring no protection whatever, even in the most severe climate, and once planted increase in beauty each year.

An important point to observe in the planting of Herbaceous Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with two inches of soil.

TWENTY FINEST HERBACEOUS PEONIES

Arthemise. Large violet-rose with light mauve shadings.

Belle Chatelaine. Delicate mauve rose with amber white color and centre.

Mme. Boulanger. Soft lilac tinted white; of great substance. \$1.00 each.

Mme. Crousse. Purest white, very large.

Mme. de Verneville. Broad sulphur-white guard petals and compact white centre, touched carmine.

Mme. de Vatry. Large compact milk-white with lilac-white guard petals.

Mme. Forel. Large deep pink, shading lighter towards the edges.

Mathilde de Roseneck. Soft flesh-pink with deeper shadings.

Meissonier. Guard petals brilliant purple red; centre deep crimson.

Reine des Fleurs. Bright violet-rose with lighter shadings. One each of the 20 varieties for \$12.00.

Canari. Pure white guard petals with amber-white centre.

Comte de Diesbach. Soft rosy mauve of fine form.

Festiva Maxima. This is considered the finest white.

Globosa. Pale rose, changing to nearly white.

Grandiflora Carneia Plena. Large flowers of flesh, tinted white.

Grandiflora Rosea. Bright pink, shaded salmon.

Golden Harvest. Peach blossom pink with creamy white centre.

La Brune. Large, showy deep carmine violet. \$1.00 each.

La Tulipe. Very large globular, flesh pink, shading to ivory-white; centre petals tipped carmine, \$1.00 each.

L'Indispensable. Immense flowers, of a delicate lilac-pink, with darker shadings towards the centre. \$1.00 each.

Price. Strong roots, except where noted, 60 cts. each; \$6.00 per doz. One each of the 20 varieties for \$12.00.

CHOICE STANDARD VARIETIES DOUBLE HERBACEOUS PEONIES

Achille. Soft mauve-rose, changing to white.

Andre Lauries. Deep Tyrian-rose. Strong grower.

Armandin Mechin. Very dark red with metallic lustre.

Berlioz. Light carmine-rose; tipped silver. Large.

Baron James Rothschild. Light rosy-lilac; very free.

Charlemagne. Lilac-white with a slight blush centre.

Duc de Cazes. Bright pink, shaded violet; lighter centre and silvery reflex.

Lady Bramwell. A beautiful silvery-rose; fine form.

Louis van Houtte. Rich dark crimson, developing a light silvery tip as the flowers age.

Mme. Geissler. Very large globular flower; violet-rose; tipped with silver

Price. Strong roots. 35 cts. each; \$3.50 per doz.; \$25.00 per 100. One each of the 20 varieties for \$5.75.
Double Herbaceous Peonies in Mixture. 20 cts. each; \$2.00 per doz.; \$15.00 per 100.

Mons. Mallett Tyrian-rose with salmon shadings.

Ne Plus Ultra. Light violet-rose with silvery reflex.

Paganini. Light solferino-red with paler centre.

Pomponia. Rosy-mauve guard petals; primrose-yellow centre changing to white.

Princess Gallitzin. Pale pink guard petals; centre pure white.

Queen Victoria. Pure white with creamy white centre.

Rosea Elegans. Pale lilac-rose with creamy white centre.

Triomphe du Nord. Light carnation-pink.

Victoire Modeste. Bright rosy-lilac with chamois centre.

Victoire Tricolor. Bright lively violet-rose with salmon centre.

NOTE.—All Bulbs, Roots and Plants are forwarded by Express, purchaser paying charges. If wanted by Parcel Post add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

DREER'S SUPERB HARDY PHLOXES.

Hardy Phloxes have long been one of our leading specialties, and we are now the largest growers in the world of this important hardy plant. We offer below a collection of the finest sorts, while on the following page will be found a very complete list of the miscellaneous species and varieties.

The following cultural notes were written especially for this book by Mrs. Ely, the author of "A Woman's Hardy Garden."

"Probably the most satisfactory of all perennials is the Phlox, and a good space in proportion to the size of the garden should always be given to these plants.

The ground where Phlox is to be planted should be trenched fully two feet in depth, and may be planted in the autumn from the 1st to the 15th of October, so that they may become well rooted before winter; otherwise it should be set out as soon as the frost leaves the ground in the spring, as growth begins very early.

Whether planted in spring or fall, a mulch of old manure thrown around the roots will be of benefit to the plants.

Phlox should be set out eighteen inches apart, and if kept well watered will produce both individual blossoms and heads of bloom far larger than otherwise, and amply repay the extra trouble.

In October, after three seasons of flowering, the Phlox should be lifted, the ground again trenched and enriched, the plants separated into bunches of three or four stalks each, and then reset.

Occasionally, in warm moist summers, the Phlox is attacked by mildew. But if upon the first sign of its appearance, the leaves of the plants are well sprinkled and afterwards plentifully dusted with powdered sulphur the disease will be arrested.

Albion. A strong, vigorous grower, producing very large panicles of pure white flowers with a faint red eye.

Baron van Dedem. Brilliant cochineal-red, with salmon shadings.

Bridesmaid. Pure white, with large crimson-carmine eye.

Champs Elysee. A bright rosy magenta; very effective.

Crepuscule. White with delicate mauve suffusion and rose-purple eye.

Eclairer. Brilliant rosy-magenta, with large lighter halo.

Elizabeth Campbell. Very bright salmon-pink, with lighter shadings and dark red eye; one of the handsomest and most popular varieties.

Europa. A white variety, with a decided crimson-carmine eye. The individual flowers and trusses are very large; entirely distinct; of remarkable sturdy, erect habit.

Frau Anton Buchner. Pure white, with very large trusses and individual flowers.

Grideur. Soft mauve-rose suffused and overlaid with a lively shade of cerise. Flower and truss very large, of erect, sturdy, compact habit.

Henry Flurger. White with crimson-carmine centre.

Jeanne d' Arc. A good late-flowering pure white

L'Evenement. Orange scarlet overlaid with salmon-pink.

La Vague. Pure mauve, with aniline red eye.

Louise Abbema. A very large dwarf, pure white.

Mme. Paul Dutrie. Delicate lilac-rose in shade like a soft pink orchid; flowers very large, borne in immense panicles.

Price. Any of the above, 25 cts. each; \$2.50 per doz; \$15.00 per 100. One each of the 25 varieties, a grand collection, \$5.00.



HARDY PHLOX

Mrs. Jenkins. The best all round pure white. Very effective for massing; early and free bloomer.

Pantheon. Uniform bright carmine rose throughout; very effective and popular sort.

Rosenberg. Bright reddish violet; blood-red eye.

Riverton Jewel. One of our own introductions and a variety of great merit. It is a lovely shade of mauve-rose, illuminated by a brilliant carmine-red eye.

Rynstrom. A great improvement on the popular variety Pantheon; of the same carmine rose color as the Paul Neyron Rose.

Thor. A most beautiful and lively shade of deep salmon-pink suffused and overlaid with a scarlet glow. A light, almost white halo surrounds the aniline red eye. A very effective color and becoming more popular each season.

Viking. One of the latest to flower, producing much branched pyramidal heads of bloom of a pleasing soft salmon-rose.

Von Lassburg. Pure white, individual flowers very large.

W. C. Egan. One of the finest Phloxes yet introduced, and while the individual flowers, according to color chart, are of a delicate lilac, illuminated by a large bright solferino eye, the color effect as a whole is a pleasing shade of soft pink. In habit of growth it is strong and vigorous, producing immense panicles of flowers nine inches high by seven across and the individual flowers frequently measure $1\frac{1}{2}$ inches in diameter.



PHLOX DIVARICATA CANADENSIS

Early Flowering Hardy Phlox Miss Lingard

This grand white variety is one of the most popular sorts grown; it grows about 2 feet high, and starts to bloom in May, continuing to flower until late in October, and is always attractive. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

VARIOUS PHLOXES

The following species and varieties are quite unlike the large-flowering Phloxes offered on page 189, but are very pretty and useful plants in the hardy garden.

Amœna. This is one of the best varieties for carpeting the ground; the rockery or the border; it grows but 4 inches high, and in spring is a sheet of rich, bright pink flowers. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Divaricata Canadensis. One of our native species, which is worthy of extensive planting, commencing to bloom early in April, and continuing through May, with large, fragrant lavender flowers on stems 10 inches high. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

PHLOX SUBULATA (Moss, or Mountain Pink)

An early spring flowering type, with pretty moss-like evergreen foliage, which, during the flowering season, is hidden under the masses of bloom. An excellent plant for the rockery, the border, and invaluable for carpeting the ground or covering graves.

Alba. Pure white.

Lilacina. Light lilac.

Rosea. Bright rose.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

PHLOX ARENDSI

A new race of Hardy Phlox which originated through the successful crossing of the early flowering popular Phlox Divaricata Canadensis with the showy hardy varieties of Phlox Decussata. The plants are of vigorous, branching habit, growing according to the variety, from 12 to 24 inches high. Coming into flower during the latter part of May, they continue in good condition for nearly two months, producing a mass of flowers unknown in other types of Phlox.

Amanda. The dwarfest of the collection, growing but 12 inches high, very bushy, flowers delicate lilac with deeper centre.

Elizabeth. White, reverse of petals lilac; plants of strong branching habit; 18 inches.

Kathe. Stems loosely branched, about 20 inches high; flowers purplish-rose with a dark eye surrounded by a lighter halo.

Louise. A strong-growing variety about 2 feet high; light lilac flowers with a carmine eye.

Price. 35 cts. each; \$3.50 per doz. One each of the 4 varieties for \$1.25.



PHLOX SUBULATA (Moss Pink)

PHYSALIS

(Chinese Lantern Plant)

Francheti. An ornamental variety of the Winter Cherry, forming dense bushes about 2 feet high, producing freely its bright orange scarlet lantern-like fruits; highly interesting. 25 cts. each; \$2.50 per doz.

Plans of Hardy Borders

We have prepared a leaflet showing several plans of Hardy Borders with list of plants to fill same in positions either in sun or shade. Copies free on request.



PHLOX ARENDSI

**PENTSTEMON** (Beard Tongue)

Most useful showy perennials, either for the border or rockery. With the exception of "Sensation," which requires protection, they are perfectly hardy.

Gloxinioides "Sensation." A beautiful strain, bearing spikes of large Gloxinia-like flowers in a great variety of bright colors, including rose, cherry, crimson, purple, lilac, etc. The plants grow 2 feet high and bloom from early summer till frost. (See cut.)

Barbatus Torreyi. Spikes of brilliant scarlet flowers; height, 3 to 4 feet; June to August.

Digitalis. Large spikes of long, purple-white flowers with purple throats, during June and July; 2 to 3 feet.

Pubescens. Bright rosy purple; July and August; 1½ feet.

Smalli. Rosy-carmine flowers in early summer; 1 foot.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

One each of the 5 sorts for \$1.00.

PHYSOSTEGIA

(False Dragon-Head)

One of the most beautiful of our midsummer flowering perennials, forming dense bushes 4 to 6 feet high, bearing spikes of delicate tubular flowers not unlike a gigantic heather. (See cut.)

Virginica. Bright but soft pink.

— **alba.** Pure white; very fine.

— **Speciosa.** Very delicate pink.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Seeds of Hardy Perennials

We offer a very extensive list of above. See Flower Seeds, pages 51 to 116.



PENTSTEMON "SENSATION"



PHYSOSTEGIA

**New Perpetual-flow-
ering Hardy Pinks**

(Dianthus Allwoodi)

This is a most important addition to our list of perennial plants. They are perfectly hardy and flower continuously

from early spring until late in the autumn; the flowers are much more substantial and larger than the old type of Hardy Pinks, and are borne on long stems suitable for cutting; deliciously clove-scented.

Mary. Pale rose-pink with light maroon centre.

Phyllis. Delicate pale pink with light maroon centre; very strongly scented.

Robert. A delicate shade of old-rose with light maroon centre; very free.

We offer strong plants of the above 50 cts. each; \$5.00 per doz.; One each of the 3 sorts for \$1.25.

HARDY GARDEN PINKS

Old favorites, bearing their sweet, clove-scented flowers in the greatest profusion during May and June. They are indispensable for the edge of the hardy border and for cutting. 1 foot.

Delicata. Soft delicate rose.

Elsie. Bright rose with maroon centre.

Excelsior. Light rose-pink with deeper shadings.

Her Majesty. Large pure white.

Homer. Rosy-red with dark centre.

Juliette. White-laced crimson.

White Reserve. An everblooming pure white.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 7 sorts, \$1.50.

Mixed Hardy Garden Pinks. We offer a fine lot of seedlings grown from a very select strain, which should produce a good percentage of double flowers. Those that come single are very pretty, and are preferred by some to the full, double sorts. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.



HARDY GARDEN PINKS



PLATYCODON

(Balloon Flower or Japanese Bell Flower)

The Platycodons are closely allied to the Campanulas, and form neat, branched bushes of upright habit.

Mrs. Ely says of them: "Do best if planted in early spring. They grow from 2 to 2½ feet high, and after the third season each plant will have from ten to twelve stalks covered with the lovely blue or white blossoms for nearly a month, beginning about July 10th. They are also free from attacks of insects, and if planted in good soil and well covered in late autumn with a litter of leaves or stable manure, will be found to be quite hardy."

Grandiflorum. Deep blue cupped, star-shaped flowers

— **Album.** A white-flowered form of the above.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

PLUMBAGO (Lead-wort)

Larpenæ. One of the most desirable border and rock plants; it is of dwarf, spreading habit, growing 6 to 8 inches high; covered with deep blue flowers during the summer and fall months. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

POLEMONIUM (Jacob's Ladder)

Cœruleum. Bell-shaped bluish-purple flowers nearly 1 inch across; 2 feet; May to July.

Reptans. Useful border plants, about 12 inches high, succeeding best in a partially shaded position; deep green, finely-cut foliage, and spikes of showy blue flowers in May and June.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

POLYGONATUM (Solomon's Seal)

Giganteum. Exceedingly ornamental, both in foliage and flower; grows 3 feet high and bears pendant, creamy white flowers in May and June. Should be grown in a shady or half-shady place for best results. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



PLATYCODON GRANDIFLORUM

POLYGONUM

(Knot-weed)

Compactum. Grows about 15 inches high, and during August and September the entire plant appears as a foamy mass of white flowers.

Cuspidatum (Giant Knot-weed). Attains a height of 5 to 7 feet, and in fall produces long, drooping clusters of white flowers at the axil of each leaf; a striking plant for the shrubbery or as an isolated specimen, particularly so in damp ground.

Brunonis. A fine plant for the rockery or border, with spikes of bright rose-colored flowers; July to September; 1 foot.

Price. Any of the above, 25 cts. each; \$2.50 per doz.



POLEMONIUM

POTENTILLA (Cinquofoil)

Charming plants for the border, with brilliant single or double flowers that are produced in profusion from June to August; succeeds in any soil; 18 inches.

Atrosanguinea. Rich crimson, single.

Formosa. Single rosy-red.

Miss Willmott. Bright cerise, single.

Vulcan. Double, rich crimson.

William Rollison. Bright vermillion; double.

25 cts. each; \$2.50 per doz. Set of 5 sorts for \$1.00.

POTERIUM (Burnet)

Obtusatum. A good border plant of easy culture, with neat, dark green pinnatifid foliage, flower stems 18 to 24 inches high, terminated with 3 to 4 inch long spikes of small violet-rose colored flowers, in bloom from July to October. 35 cts. each; \$3.50 per doz.



POLYGONUM COMPACTUM



DOUBLE PYRETHRUM HYBRIDUM

PYRETHRUM HYBRIDUM

This grand old-fashioned Hardy Perennial is easy to grow in any good garden soil where there is good drainage and full exposure to the sun. They prefer to be left undisturbed for two or three years, and if given an annual top dressing of well-rotted manure flower generously. Their main season of blooming is in June, but if the first crop of flower stems is removed as soon as finished they will give a fair sprinkling of flowers during the summer and autumn months. The fine fern-like foliage of the plants is attractive at all times.

Single-flowering. The plants which we offer embrace all the colors from deep red through the various shades of rose to pure white. These can be supplied in mixed colors only. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Double-flowering. Choice named varieties in crimson, pink and white. (See cut.) 50 cts. each; \$5.00 per doz. One each of the three colors for \$1.25.

PYRETHRUM ULIGINOSUM

(Giant Daisy)

Grows 3 to 4 feet high and is covered with large white Daisy-like flowers, 3 inches in diameter, from July to September. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



PRIMULA VULGARIS (English Primrose)

PRIMULAS (Primrose)

The Hardy Primroses are among the most beautiful and interesting of our early spring flowers. Plant them in rich, well-drained soil in the border or in a sheltered nook in the rockery; if possible, in a half shady place.

Veris (*English Cowslip*). Plants grown from a select strain of seed, and embrace a fine range of colors. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Vulgaris (*English Primrose*). An old favorite and should be found in every garden; one of the earliest spring flowers; of bright canary-yellow; very fragrant. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

PULMONARIA (Lungwort, Bethlehem Sage)

Angustifolia Azurea (*Blue Cowslip or Lungwort*). The prettiest of the blue Cowslips; grows about a foot high, and one of the first to bloom in early spring, bearing attractive funnel-shaped, deep gentian-blue flowers; very desirable.

Saccharata Maculata. A beautiful plant, rivaling in the markings of its foliage many of the choicest hot-house plants; of easy culture; foliage deep green, handsomely mottled with silvery-gray, and terminal 1 foot high spikes of pink flowers during May and June.

35 cts. each; \$3.50 per doz.

RANUNCULUS (Crow-Foot, Buttercup)

Acris Fl. Pl. A double-flowered form of our common Buttercup; 2 feet; May and June.

Gramineus. A dainty variety for the rockery or border with grass-like foliage, producing masses of yellow flowers on branched 6 to 8 inch high stems, during April and May.

Repens Fl. Pl. (*Bachelor's Buttons*). A pretty double-flowering bright golden-yellow Buttercup. Bears masses of flowers during May and June.

25 cts. each; \$2.50 per doz.

RHEXIA (Meadow Beauty)

Virginica. A handsome dwarf plant, 9 inches, flowering the greater part of the summer, with numerous bright rosy-purple blossoms, and long, protruding golden anthers; grand for massing in a moist, sunny spot. 25 cts. each; \$2.50 per doz.

DREER'S CANTERBURY BELLS

We have a fine lot of strong plants of these this season.

Described, illustrated and offered on pages 170 and 171.



PYRETHRUM ULIGINOSUM



ROMNEYA COULTERI

RODGERSIA

Podophylla. A stately plant, both in foliage and flower; planted in rich, deep soil, in a sunny situation, and liberally supplied with water, produces five-lobbed leaves $2\frac{1}{2}$ to 3 feet in diameter, at first bright green, changing to a metallic-brown hue; flowers white, not unlike a *Spiraea*, and borne in large fluffy, feathery sprays in midsummer. 50 cts. each.



RUDBECKIA NEWMANI

ROMNEYA (California Tree or Matilija Poppy)

Coulteri. This beautiful Poppy, while hardy as far north as Philadelphia, should be planted in a well-drained, sunny, sheltered position. It grows 5 to 6 feet high, and frequently has from 12 to 15 expanded flowers on a single shoot at one time. The flowers are white, 6 inches and over across, delicate and transparent, yet enduring in a good state for several days; delightfully fragrant. Strong plants, \$1.50 each.

ROSMARINUS (Rosemary)

Officinalis. An old favorite aromatic herb of neat habit of growth; requires protection. 25 cts. each; \$2.50 per doz.

SAPONARIA (Soap-Wort)

Caucasica (*Double-flowering Bouncing Bet*). White tinted rose, double flowers, produced all summer and fall; 15 inches.

Ocymoides. Very showy rock plant, producing during summer months masses of small, bright rose flowers; 9 inches.

25 cts. each; \$2.50 per doz.

PLANS OF HARDY BORDERS

We have a leaflet showing several plans, together with list of suitable plants for positions in sun or shade. Copies free on request.

RUDBECKIA (Cone-flower)

Indispensable plants for the hardy border; grow and thrive anywhere, giving a wealth of bloom, which are well suited for cutting.

"Golden Glow." A well-known popular plant, a strong robust grower, attaining a height of 5 to 6 feet, and produces masses of double golden-yellow Cactus Dahlia-like flowers from July to September.

Maxima. A rare and attractive variety, growing 5 feet high, with large glaucous green leaves and bright yellow flowers 5 to 6 inches across, with a cone 2 inches high; flowers continuously from June to September.

Newmani. Dark orange-yellow flowers, with deep purple cone, borne on stiff, wiry stems 3 feet high; flowers from July to September.

Nitida "Autumn Sun." An attractive single-flowering variety, growing 5 to 6 feet high, with long, broad petals of bright primrose-yellow; August to October.

Purpurea (*Giant Purple Cone-flower*). Flowers about 4 inches across, of a peculiar reddish-purple with a remarkably large cone-shaped centre of brown; forms bushy plants 3 feet high, and blooms from July to October.

Subtomentosa. A pyramidal densely branched plant, $2\frac{1}{2}$ feet high, which is completely enveloped in a mass of brilliant lemon-yellow flowers with dark purple centres in summer.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 sorts for \$1.25.

Seeds of Hardy Perennials

We can supply seeds of many of the sorts. See Flower Seeds, pages 51 to 116.



RUDBECKIA PURPUREA (Giant Purple Cone Flower)

SALVIA (Meadow Sage)

Azurea. A Rocky Mountain species; grows 3 to 4 feet high, producing during August and September pretty sky-blue flowers in the greatest profusion.

Pitcheri. Similar to the above, but of more branching habit and larger flowers of a rich gentian-blue color, and one of the most admired plants by the many visitors to our nurseries during the early autumn; 3 to 4 feet.

Greggi. A native of the mountains of Southwestern Texas, makes a shapely, bushy plant about two feet high, and from July to late October bears masses of brilliant carmine flowers which appear particularly rich and luminous during the fall months; requires protection in winter.

Greggi Alba. A new, pretty white-flowered form, which makes a good companion to the red-flowered type.

Uliginosa. In general habit similar to *Azurea*, but of stronger growth, forming a bushy specimen from 5 to 6 feet high, and wonderfully free-flowering, blooming continuously from June until stopped by severe frost in October. The flowers are a pretty Cornflower-blue, with a white throat, and are produced in branched spikes, frequently 6 inches long.

Virgata Nemorosa. An interesting plant for the hardy border, forming a rosette of large foliage, from which the flower spikes arise, bearing many-flowered whorls of dark blue blossoms; the unexpanded buds are light violet-blue, forming a harmonious and pleasing color combination. It continues in flower for about six weeks during the early summer months; 18 inches.

Price. Any of the above, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. One each of the six sorts, \$1.25.



SALVIA PITCHERI



SANTOLINA

(Lavender Cotton)

GROUP OF SAXIFRAGAS (Megaseas)

Chamæcyparissus Incana. A dwarf evergreen perennial with attractive silvery-white foliage; useful as a rock or border plant, and largely used for carpet bedding; prefers a light soil and rather dry position. 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

SATUREIA (Winter Savory)

Montana. A neat dwarf evergreen, aromatic plant, with slender, woody, very branching stems, 12 inches high, covered with showy white heather-like flowers in August and September. 35 cts. each; \$3.50 per doz.

SAXIFRAGA (Megasea)

These will thrive in any kind of soil and in any position; grow about 1 foot high, and are admirable for the front of the border or shrubbery, forming masses of handsome, broad, deep green foliage, which alone renders them useful, while the pretty flowers, which appear very early in the spring, some almost as soon as the frost is out of the ground, make them doubly effective. (See cut.)

Coralie. Bright rose.
Crassifolia. Light pink.
Magnet. Rose.

Orbicularis. Deep rose.
Splendens. Rosy-crimson.
Yunnanensis. Rosy purple

Price, 30 cts. each; \$3 00 per doz ; \$20.00 per 100,
One each of the 6 sorts, \$1.50.



SATUREIA

SCABIOSA

Handsome border plants, succeeding in any ordinary soil if well drained and in a sunny location, and should be grown in every garden where cut flowers are wanted; they last a long time when picked and placed in water.

Caucasica (*Blue Bonnet*). A soft and charming shade of lavender, and commences to bloom in June, throwing stems 18 to 24 inches high until September. (See cut.)

— **Alba**. A pure white variety.

Japonica. Lavender-blue flowers, in bloom from July to September; 2 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SEDUM (Stone-crop)**DWARF VARIETIES**

Suitable for the rockery, carpet bedding, covering of graves, etc.

Acre (*Golden Moss*). Much used for covering graves; foliage green; flowers bright yellow.

Album. Green foliage, white flowers.

Ewersi. Pink flowers; August and September.

Kamtschaticum. Deep green foliage; yellow flowers in June; 8 inches.

Middendorffianum. Narrow green foliage, sulphur-yellow flowers in summer.

Sexangulare. Dark green foliage, yellow flowers.

Sieboldi. Round, succulent, glaucous foliage; bright pink flowers in August and September.

Stahli. Compact species, with crimson-tinted foliage in autumn.

Stolonifera. One of the most desirable; flat succulent leaves; flowers purplish-pink; July and August; 6 inches.

Spurium. Attractive pink flowers; 6 inches.

— **Coccinum**. A beautiful crimson-flowered form.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.



SENECIO PULCHER



SCABIOSA CAUCASICA

SEDUM (Stone-crop)**ERECT OR TALL-GROWING VARIETIES**

Useful and pretty plants for the border, producing their interesting flowers during late summer and fall.

Japonicum Macrophyllum. Forms compact bushes 15 inches high, with pleasing waxy-white flowers, with light pink centres.

Spectabile. One of the prettiest erect-growing species, attaining a height of 18 inches, with broad light green foliage and immense heads of

handsome showy rose-colored flowers; indispensable as a late fall-blooming plant.

— **"Brilliant."** A rich colored form of the preceding, being a bright amaranth-red.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SEMPERVIVUM (House Leek)

Peculiarly interesting plant for the rockery or for any exposed, well-drained position. We can furnish six distinct varieties at 20 cts. each; \$2.00 per doz.; \$10.00 per 100. Set of 6 for \$1.00.

SENECIO (Groundsel)

Pulcher. Forms a neat tuft of foliage, from which springs up from July to October a succession of 2-foot high stems, with clusters of brilliant rosy purple flowers, of good size. 25 cts. each; \$2.50 per doz.

SILPHIUM (Cup Plant)

Perfoliatum. A stately perennial, also known as the Compass Plant, on account of the leaves being arranged at right angles to the stem; grows 5 to 7 feet high, with large single yellow sunflower-like blooms from July to September. 25 cts. each; \$2.50 per doz.



SEDUM SPECTABILE



SIDALCEA

SIDALCEA

Erect-growing, more or less branching plants, producing their showy flowers during June and July; they will succeed in any garden soil in a sunny position. (See cut.)

Candida. Grows 2 to 3 feet high with white flowers about an inch in diameter.

Rose Queen. A new variety of strong robust habit growing from 5 to 6 feet high, producing showy large flowers of a pleasing shade of clear rose, in the greatest profusion.

Rosy Gem. Pretty, bright rose-colored flowers, 2 to 3 feet.
35 cts. each; \$3.50 per doz.



SOLIDAGO

SOLIDAGO (Golden Rod)

The varieties offered below are the most desirable of our native Golden Rods.

Altissima. The giant of the family, attaining a height of 10 to 12 feet; the large heads of golden-yellow flowers reach perfection late in October.

Canadensis. Grows 4 to 5 feet high, with spikes of golden-yellow flowers from the end of July until September.

Golden Wings. The finest of all; 5 feet high with immense panicles of bright golden-yellow flowers from July to September.

Rigidus. A bold plant with heavy foliage and immense heads of flowers in July and August.

Shorti. Golden-yellow flowers in July and August; 3 feet.

Virgaurea Compacta. Grows but 15 inches high; deep yellow flowers in August and September.

Price, 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 6 sorts for \$1.25.

SILENE (Catchfly)

Alpestris. A good rock-work plant, grows about 4 inches high, with glistening white flowers in July and August.

Schaffa (Autumn Catchfly). A charming border or rock plant, growing from 4 to 6 inches high, with masses of bright pink flowers from July to October.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SISYRINCHIUM (Satin Lily or Blue-eyed Grass)

Bermudianum. A pretty early spring and fall flowering plant with blue flowers and grass-like foliage. 25 cts. each; \$2.50 per doz.

SPIRÆA (Goat's Beard, Meadow Sweet)

Elegant border plants with feathery plumes of flowers and neat, attractive foliage; succeed best in a half-shaded location in rich moist soil.

Aruncus. A noble variety, 3 to 5 feet high, producing in June and July long, feathery panicles of white flowers.

Filipendula Fl. Pl. (Double-flowered Dropwort). Numerous corymbs of double white flowers on stems 15 inches high, during June and July, and pretty fern-like foliage.

Palmata (Crimson Meadow Sweet). One of the most beautiful hardy plants, the deep purple red of the stems and branches passing into the crimson purple of the broad corymbs of flowers, which are produced very freely during June and July; 3 feet.

— **Elegans.** A free-flowering pure white with protruding pink anthers.

Ulmaria Fl. Pl. (Meadow Sweet). Grows about 3 feet high, and produces its double white flowers during June and July.

Venusta. A showy, red-flowering species; very fragrant; 4 to 5 feet; June.

Price. 35 cts. each; \$3.50 per doz.; \$18.00 per 100. One each of the above 6 varieties, \$1.75.



SPIRÆA ULMARIA FL. PL.



STOKESIA (Cornflower Aster)

STACHYS

(Woundwort)

Betonica Grandiflora
(Betony). Large flowers
of purplish-rose; June and
July; 15 inches.

— **Rosea**. Soft rose color;
June and July; 15 inches.

Lanata. Forms a densely
leaved mass of bright, sil-
very-white woolly foliage
and inconspicuous clusters
of light purple flowers. As
a plant for edging or for
clumps in the border, or
wherever intense color is
desired for contrast with
other foliage, it will be
found most useful.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

STATICE

(Great Sea Lavender)

Latifolia. A most valuable plant either for the
border or rockery, with tufts of leathery leaves and
immense candelabra-like heads, frequently 1½ feet
high and 2 feet across, of purplish-blue minute
flowers during July and August; these, if cut and
dried, last in perfect condition for months. 25 cts. each;
\$2.50 per doz.

STENANTHIUM

(Mountain Feather Fleece)

Robustum. A rare perennial, with showy panicles of pure
white, fleecy flowers in August and September on stems 4 to 5
feet high; requires a moist, semi-shady position. 25 cts. each;
\$2.50 per doz.

If unable to find what you want refer to index, page 2.

STOKESIA (Cornflower Aster)

A beautiful native plant growing 18 inches high, bearing freely
from early in June until September its handsome lavender-blue and
white Cornflower-like blossoms, which measure from 4 to 5 inches
across. It is of the easiest culture, succeeding in any open, sunny
position, and not only is it desirable as a single plant in the hardy
border, but it can also be used with fine effect in masses or beds of
any size.

Cyanea. Bright lavender-blue.

— **alba**. A pretty pure white variety of above.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SWEET WILLIAM (Dianthus Barbatus)

(London Tufts)

A well-known attractive, free-flowering hardy perennial, produc-
ing in early summer a splendid effect in beds and borders, with their
rich and varied flowers. We can supply the following all grown
from our own select strain of seed.

Newport Pink. The prettiest color among Sweet Williams, a
lovely salmon or watermelon-pink.

Pure White. Very large.

Scarlet Beauty. Rich deep scarlet, very effective.

Mixed. Containing all colors.

20 cts. each; \$2.00 per doz.; \$12.00 per 100.

PLANS OF HARDY BORDERS

We have prepared a leaflet showing several
plans of Hardy Borders with list of plants to
fill same in positions either in sun or shade.
Copies free on request.



STATICE LATIFOLIA



SWEET WILLIAM

THALICTRUM (Meadow Rue)

Very graceful, pretty flowered plants, with finely cut foliage; great favorites for planting in the hardy border; the dwarf varieties also being effective and useful in the rockery. (See cut.)

Adiantifolium. A beautiful variety, with foliage like the Maiden Hair Fern and miniature white flowers in June and July; 1½ to 2 feet.

Aquilegifolium atropurpureum. Elegant, graceful foliage and masses of rosy-purple flowers; May to July; 2 to 3 feet.

— **Album.** Pure white flowers.

Glaucum. Fine cut foliage; bronzy-yellow flowers in June; 2 feet.

Intermedium. Large panicles of creamy-white flowers in June and July, finely cut foliage; 3 feet.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

RARE THALICTRUM DIPTEROCARPUM

A pretty and distinct species, with flowers of a charming shade of lilac mauve, which is brightened by a bunch of lemon-yellow stamens and anthers. The plant is of strong growth, about 4 feet high; the dainty flowers are produced in graceful sprays during August and September. Splendid for cutting. (See cut.) 50 cts. each; \$5.00 per doz.

THERMOPSIS

Caroliniana. A showy, tall-growing plant, attaining a height of 3 to 4 feet, producing long spikes of yellow flowers in June and July. 25 cts. each; \$2.50 per doz.

**Dreer's
Canterbury Bells**

One of our specialties. See pages 170 and 171.



THALICTRUM DIPTEROCARPUM



TRILLIUM GRANDIFLORUM

Mountain Thyme). A pretty subject for the rockery, forming dense mats of dark green foliage and clouds of white flowers.

— **Coccinea** (*Scarlet Thyme*). Dark green foliage and clouds of bright red flowers.

— **Splendens.** Bright purplish-red flowers.

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

TIARELLA (Foam Flower)

Purpurea Major. An attractive variety, forming a neat, compact clump; the foliage unusually bright, as it expands in the spring; bears long spikes of salmon-red flowers. 25 cts. each; \$2.50 per doz.

TRADESCANTIA (Spider Wort)

Virginica. Produces a succession of blue flowers all summer; 1½ to 2½ feet.

— **Alba.** A white-flowered form.

25 cts. each; \$2.50 per doz.

TRILLIUM (Wood Lily, or Wake Robin)

Excellent plants for shady positions in the hardy border, or in a sub-aquatic position, flowering in early spring; 12 to 18 inches.

Erectum. This is the Purple Wood Lily; the earliest to flower.

Grandiflorum. The largest white; probably the handsomest.

15 cts. each; \$1.50 per doz.; \$8.00 per 100.



THALICTRUM (Meadow Rue)

THYMUS

(Thyme)

Citriodorus. Lemon-scented foliage, of bushy habit.

Lanuginosus (*Woolly-leaved Thyme*). A trailing variety, with greyish foliage.

Serpyllum (*White*



TROLLIUS (Globe Flower)

TRITOMA

(Red-hot Poker, Flame Flower, or Torch Lily)

Pfitzerii (*The Everblooming Flame Flower*). The early, free and continuous blooming qualities of this variety has made it one of the great bedding plants, and when we consider that there are few flowering plants which are suitable for massing under our severe climatic conditions, it is little wonder that such an elegant subject should become so popular. Succeeds in any ordinary garden soil, but responds quickly to liberal treatment; hardy if given protection, but the most satisfactory method of wintering is to bury the roots in sand in a cool cellar. In bloom from August to October, with spikes 3 to 4 feet high, and heads of bloom of a rich orange-scarlet, producing a grand effect either planted singly in the border or in masses. (See cut.) 35 cts. each; \$3.50 per doz.; \$18.00 per 100.



VALERIANA OFFICINALIS

TROLLIUS (Globe Flower)

Desirable tree-flowering plants, producing their giant Buttercup-like blossoms on stems 1 to 2 feet high from May until August; succeed admirably in the border in a half-shady position in well drained preferably light soil.

Asiaticus Flore Croceo. Dark orange, of beautiful form.

Europæus. Large, bright yellow, globular flowers.

25 cts. each. \$2.50 per doz.; \$15.00 per 100.

TUNICA

Saxifraga. A pretty tufted plant with light pink flowers; produced all summer, useful either for the rockery or the border. 25 cts. each; \$2.50 per doz.

VALERIANA (Valerian)

Coccinea. Showy heads of reddish flowers; June to October; 2 feet.

— **alba.** A white-flowered form.

Officinalis (*Hardy Garden Heliotrope*). Produces showy heads of rose-tinted white flowers during June and July, with delicious, strong heliotrope odor; 3 to 4 feet. (See cut.)

25 cts. each; \$2.50 per doz.; \$15.00 per 100.

VINCA (Periwinkle, or Trailing Myrtle)

Minor. An excellent dwarf evergreen trailing plant that is used extensively for carpeting the ground under shrubs and trees, or on graves where it is too shady for other plants to thrive. 15 cts. each; \$1.50 per doz.; \$10.00 per 100; \$80.00 per 1000.

VINCETOXICUM (Mosquito Plant)

Japonicum. An interesting plant from Japan, with small white flowers in summer, which attracts and kills insects. The foliage is dark green and almost evergreen. 25 cts. each; \$2.50 per doz.

PLANS OF HARDY BORDERS

We have prepared a leaflet showing several plans, together with list of plants suitable to fill same in sun or shade. Copy free on request.



TRITOMA PFITZERII

VERONICA (Speedwell)

Amethystina. Amethyst-blue flowers. in June and July; 2 feet.

Incana. Bright silvery foliage, with spikes of amethyst-blue flowers; July and August; 1 foot.

Longifolia Subsessilis (*Japanese Speedwell*). The showiest and best of the Speedwells; forms a bushy plant 2 to 3 feet high, with long dense spikes of deep blue flowers from the middle of July to early in September.

Maritima. Long spikes of blue flowers from July to September; 2 feet.

Repens. A useful rock or carpeting plant, with light-blue flowers.

Rupestris. A fine rock plant growing 3 or 4 inches high; thickly matted deep green foliage, hidden in spring under a cloud of bright blue flowers.

— **Alba.** A white-flowered form of the above.

Spicata. An elegant border plant, growing about 1½ feet high, producing long spikes of bright blue flowers in June and July.

— **Alba.** A white-flowered form of the above.

— **Rosea.** A pretty pink-flowered form.

— **Rosea Erica** (*The Heather-like Speedwell*). Spikes of pretty delicate pink flowers, not unlike a splendidly flowered plant of Heather. It is of vigorous, compact habit, forming bushy plants 10 to 12 inches high, which are very attractive during its flowering season in June and July.

Virginica. Long spikes of white flowers in July and August; 3 to 4 feet.

Price. 25 cts. each; \$2.50 per doz.; \$15.00 per 100. Set of 12 sorts, \$2.50.

We offer seed of many Hardy Perennials. See Flower Seeds, pages 51 to 116.



VERONICA LONGIFOLIA SUBSESSILIS



VERONICA SPICATA
ROSEA ERICA



VIOLA CORNUTA PURPUREA

Viola Cornuta Purpurea, or G. Wermig

A variety of the tufted Pansy, forming clumps that are a sheet of bloom the entire season, and a most attractive subject for the border; the flowers, which in general appearance closely resemble the Princess of Wales Violet, make it a splendid substitute for the

latter during the summer months, when these are not to be had. (See cut.) 20 cts. each; \$2.00 per doz.; \$10.00 per 100.

VIOLAS, or TUFTED PANSIES (*Viola Cornuta*)

The improved forms of *Viola Cornuta* are one of the important bedding plants of Europe, and are rapidly growing in favor here. They flower continuously for nearly eight months in the year; and while their flowers are not so large as those of the Pansy, their bright colors and floriferousness make them welcome additions to any garden.

Blue Perfection. Deep purplish-blue.

Lutea Splendens. Rich golden yellow.

Papilio. Violet, with dark eye; the most effective for massing.

White Perfection. A fine white.

15 cts. each; \$1.50 per doz.; \$10.00 per 100.



YUCCA FILAMENTOSA

HARDY VIOLETS

The varieties listed below are not suited for forcing under glass; they are perfectly hardy, and when grown in the open border are covered with flowers in early spring.

Blanda (*White Sweet Violet*). Our native single-white Violet, faintly sweet-scented, very free flowering.

Pedata (*Bird's Foot Violet*). A native variety, with finely-cut foliage and showy blue flowers.

— **Bicolor**. An elegant variety of the preceding, with the upper petals a rich royal purple; lower petals almost white.

Price, 20 cts. each; \$2.00 per doz.; \$12.00 per 100.

HARDY WATER LILIES

Due to the large amount of labor necessary for the digging and preparation of these we are compelled to limit our offering to the following short list, which comprises the best and most popular hardy sorts.

Nymphaea Laydekeri Purpurata. Rich rosy-crimson, \$1.50 each.

— **Marliacea Chromatella**. A beautiful, large bright yellow, \$1.50 each.

— **Odorata**. The fragrant white Pond Lily, 50 cts. each.

— **Minor**. A dainty miniature form of the white Pond Lily, 50 cts. each.

— **Rosea**. The fragrant pink Cape Cod Water Lily, \$1.00 each.

— **Tuberosa Richardsoni**. Immense snowball-like double white flowers, \$1.00 each.

For complete offering of Tender Nymphaeas and other Aquatic Plants see pages 159 and 160.

We have prepared a leaflet giving complete directions for the cultivation of both hardy and tender Water Lilies, Aquarium Plants and other Aquatics. Copies free on request.

DREER'S COLLECTIONS OF THE BEST AND EASIEST GROWN

Hardy Perennial Plants

While we are not in the landscape business and cannot undertake the preparation of plans for planting or laying out of grounds, we have had prepared by a competent landscape architect a series of **Plans of Hardy Borders** with a list of suitable plants for positions either in sun or shade. We will be pleased to send a leaflet containing same free on application.

We also offer customers who are not acquainted with the different sorts the following collections, all in good, strong roots, which when once planted will, with little care, make the garden gay with flowers from the time frost leaves the ground until late in autumn.

These collections are made up of species and varieties strictly of our selection, and we are unable to submit list of contents as the assortment varies at different periods during the planting season.

One plant each of 12 distinct species, \$2.00.

One plant each of 25 distinct species, \$4.00.

One plant each of 50 distinct species and varieties, \$7.00.

One plant each of 100 distinct species and varieties, \$12.00.

YUCCA (Adam's Needle)

Angustifolia. A variety with narrow glaucous green foliage, very free-flowering, producing dense spikes of creamy-white flowers during June and July. 25 cts. each; \$2.50 per doz.

Filamentosa. Among hardy ornamental foliage and flowering plants, this can be classed at the head of the list. Its broad sword-like foliage and 5 to 6 feet tall, branched spikes of large, fragrant, drooping, creamy-white flowers during June and July make it an effective plant for all positions. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Filamentosa Variegata. Identical with the above excepting that the foliage is beautifully and distinctly margined with creamy-white; a rare and most effective plant. (See cut.) \$1.00 each.

WALLFLOWERS

The old favorite fragrant Wallflower; mixed colors, including yellow, brown, etc. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

SEEDS OF HARDY PERENNIALS

We can supply seeds of many of the sorts. See Flower Seeds, pages 51 to 116.




WALLFLOWER



YUCCA FILAMENTOSA VARIEGATA

Dreer's Select Hardy Climbing Plants

 All plants are forwarded on receipt of orders unless instructed to the contrary, and are sent by Express, purchaser paying charges. We can forward most plants by Parcel Post, and if wanted sent in this way add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

AKEBIA QUINATA (Akebia Vine)

One of the most graceful of our hardy climbers, with deep green, small foliage, and producing in early spring numberless bunches of violet brown flowers, which have a pleasant cinnamon odor; most desirable for positions where a dense shade is not required. Strong plants, 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

AMPELOPSIS ENGELMANNI

A greatly improved variety of the Virginia Creeper, with dense foliage of a glossy light green in summer, changing to a brilliant crimson in the autumn. On a rough stone surface it will cling without support in the same way as the Japanese Ivy. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

Ampelopsis Quinquifolia

(Virginia Creeper, or American Ivy)

This well known climber is one of the best and quickest growing varieties for covering trees, trellises, arbors, etc.; its large, deep green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall. Strong plants, 35 cts. each; \$3.50 per doz.; \$25.00 per 100.



ARISTOLOCHIA SIPHO

AKEBIA QUINATA

AMPELOPSIS VEITCHI

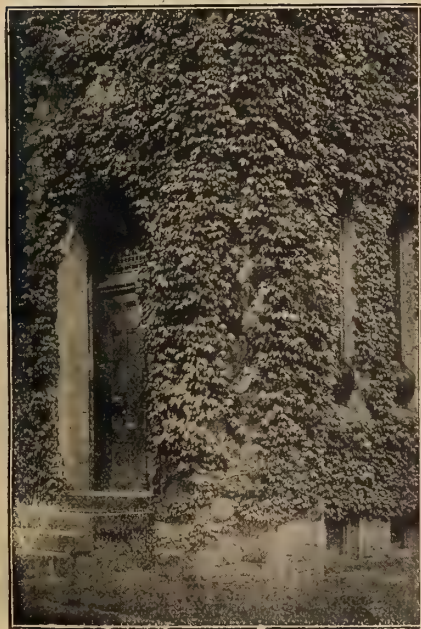
(Boston Ivy, or Japan Ivy)

The most popular climbing plant for covering brick, stone or wooden walls, trees, etc.; when it becomes established it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall. In planting Ampelopsis of all kinds, the plants, if still in a dormant condition, should be cut down to within 6 inches of the ground, so that the new growth may cling to the wall or tree from the bottom up. (See cut.) Two-year-old plants 50 cts. each; \$5.00 per doz.; \$35.00 per 100.

ARISTOLOCHIA SIPHO

(Dutchman's Pipe Vine)

A vigorous and rapid-growing climber, bearing singular brownish-colored flowers, resembling in shape a pipe. Its flowers, however, are of little value compared to its light-green leaves, which are of very large size, and retain their color from early spring to late fall; perfectly hardy. Strong plants, \$1.00 each.



AMPELOPSIS VEITCHI



BIGNONIA, OR TRUMPET VINE

BIGNONIA (Trumpet Vine)

For covering unsightly places, stumps, rockwork, or wherever a showy-flowering vine is desired, the Bignonias will be found very useful. The flowers are large, attractive, and borne profusely when the plants attain a fair size.

Grandiflora. Large flowers of orange-red. 75 cts. each; \$7.50 per doz.

Radicans. Dark red, orange throat, free blooming and very hardy. 50 cts. each; \$5.00 per doz.

Boussingaultia Baselloides

(Madeira, or Mignonette Vine)

An old-fashioned, popular vine, covering a large space in a short time. Fleshy heart-shaped leaves of a light green, and numerous racemes of feathery white flowers of delicious fragrance. Protect with litter in this latitude. Strong tubers, 25 cts. each; \$2.50 per doz.

CELASTRUS SCANDENS

(Bitter Sweet, or Wax Work)

One of our native climbing plants, of rapid growth, succeeding in almost any situation, sun or shade, with attractive light green foliage and yellow flowers during June, which are followed in the autumn with bright orange fruit, which usually remain on the plant throughout the winter. 50 cts. each; \$5.00 per doz.

LARGE-FLOWERING CLEMATIS

No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Their requirements are somewhat different from most other plants, and proper conditions must be given to secure satisfactory results.

They need rich, deep soil, perfect drainage, abundance of water, and, most important of all, they should be planted with the crowns three inches beneath the surface of the soil. They seem to do best in a position where they will not be exposed to the full sun during the hottest part of the day.

We are careful to send out only perfectly healthy stock, and cannot entertain any complaints on account of non-success with this class of plants.

Anderson Henryi. Creamy white, large.

Jackmani. The popular rich purple variety.

Price. Either of the above, 75 cts. each; \$7.50 per doz.

CLEMATIS PANICULATA

(Japanese Virgin's Bower)

This handsome hardy climber is one of the choicest and most satisfactory climbing flowering plants. Of strong rapid growth, with small, dense, cheerful green foliage, and pure white, deliciously fragrant flowers, which appear in the greatest profusion in August and September, followed by silvery feathery seed pods, which make an attractive appearance until mid-winter. The plants succeed in almost any position. Not only is it adapted to run up all kinds of supports, but is just as useful for planting among rock-work, sloping banks, covering graves, or, in fact, any position where a graceful vine or trailer is desired. (See illustration on page 205.) Strong plants, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



LARGE-FLOWERING CLEMATIS

EVONYMUS

The trailing Evonymus are particularly desirable for their dense evergreen foliage and extreme hardiness, some varieties on account of this taking the place of the English Ivy for wall covering, others that of the box-wood as an edging plant.

Radicans. Deep green foliage, useful for covering low foundation walls, or may be clipped the same as box-wood for an edging plant. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Radicans Variegata. A beautiful small-leaved green and white variegated form of the same habit as the type. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

Radicans Vegeta (Evergreen Bittersweet.) A strong-growing variety, with larger leaves than the type, and producing bright orange-red berries, which remain on the plant the greater part of the winter. As an evergreen absolutely hardy wall cover this plant is unequalled. An enthusiastic horticultural writer predicts that it will become as popular for this purpose here as the Ivy is in England. 35 cts. each; \$3.50 per doz.; \$25.00 per 100.

Kewensis. A new variety with very small dark green foliage. Everyone who has seen this appreciates its value as a rock plant or ground cover. It grows close to the ground, and is one of the most valuable plants for under trees where grass will not grow. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.



HONEYSUCKLE

HOP VINES

(See page 210)

Honeysuckles

Chinese Evergreen (*Woodbine*). Very fragrant, red, yellow and white variegated flowers; dark green foliage.

Halleana (*Hall's Monthly*) Flowers pure white, turning to yellow; fragrant, hardy and almost evergreen; flowers freely.

Variegated (*Aurea Reticulata*). Foliage beautifully mottled yellow and green.



ENGLISH IVY

Yellow Trumpet. Clusters of yellow trumpet-shaped flowers during summer and fall.

Price. Any of the above heavy plants, 50 cts. each; \$5.00 per doz.; \$30.00 per 100.

NEW CHINESE HONEYSUCKLE HENRYI

Introduced from China, where it has been found at an altitude of 6000 feet. It is hardy, and its foliage is almost evergreen. The flowers, which are produced in graceful panicles in early summer, are entirely distinct; a peculiar, bronzy-red color. Good young plants, \$1.00 each.

HARDY ENGLISH IVY

Invaluable evergreen variety, used for covering walls, etc., and has become very popular for covering graves, especially if in the shade, where grass will not succeed. Large plants, in 4-inch pots, 35 cts. each; \$3.50 per doz.; \$25.00 per 100. Extra large plants, in 7-inch pots, 6 feet high, \$2.50 each.



CLERMATIS PANICULATA
(Offered on page 204)



POLYGONUM

HARDY JASMINES

Nudiflorum. Favorite climber for sheltered positions; hardy south of Philadelphia; fragrant yellow flowers. 35 cts. each; \$3.50 per doz.

Officinale. Pure white fragrant flowers. A splendid climber for a sheltered position. Hardy south of Philadelphia. 35 cts. each; \$3.50 per doz.

LATHYRUS

(Hardy Everlasting Pea)

One of the best and most desirable flowering hardy climbing plants, attractive both in flower and foliage, growing to a height of 8 to 10 feet, and producing clusters of large flowers the entire summer; fine for cutting; lasting well.

Latifolius. Deep rosy-red. } 25 cts. each; \$2.50 per doz.
— **Albus.** Pure white.

— **White Pearl.** A magnificent pure white variety, with individual flowers fully double the size of the ordinary sort, and produced throughout the entire summer and early fall. Strong roots, 50 cts. each; \$5.00 per doz.

LYCIUM BARBARUM

(Matrimony Vine)

A very ornamental shrubby climber, which has appropriately been called "the general utility vine," of strong growth, bearing small purplish flowers in summer, followed by a prodigious crop of scarlet berries, which remain on the vine until late in winter. 50 cts. each; \$5.00 per doz.

POLYGONUM AUBERTI

For several years we have been obliged to omit this splendid Climber from our catalogue on account of scarcity of stock. We are pleased to be able to again offer it.

The plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers, and a well established plant during its long flowering period is a mass of bloom. Not only does it thrive in the Eastern and Middle States, but we have seen it in equally good condition in Oregon, Colorado and California, adapting itself to the most varied climatic conditions. Strong plants, \$1.50 each.

PUERARIA THUNBERGIANA

(Kudzu Vine)

The most rapid growing vine in cultivation, attaining, after once being established, a height of 50 feet or more in one season.

Its foliage is, large and furnishes dense shade; it bears small racemes of rosy-purple, pea-shaped blossoms towards the close of August. 25 cts. each; \$2.50 per doz.

Hardy Climbing Roses

We offer a splendid up-to-date selection of these in strong two-year-old plants. For descriptions and prices see section devoted to Roses, beginning on page 118.



LATHYRUS "WHITE PEARL"



PUERARIA, Kudzu Vine

**VITIS**

Henryana. A recent introduction from China, with foliage similar to but not as large as the Virginia creeper, the leaves being of greater substance, and prettily variegated. The ground color is a deep velvety-green, the midrib and principal veins of silvery white. The variegation is most pronounced in the autumn, when the green ground color changes to red. 50 cts. each; \$5.00 per doz.

Humulifolia. (*Turquoise-berry Vine*). One of the most desirable very hardy climbers, with glossy-dark green leaves, which are insect and disease proof, always presenting a clean, fresh appearance. In late summer and fall the plant is loaded with berries, which are very attractive in the various stages of ripening, passing through many shades of blue, finally turning blue-black. 35 cts. each; \$3.50 per doz.

WISTARIAS

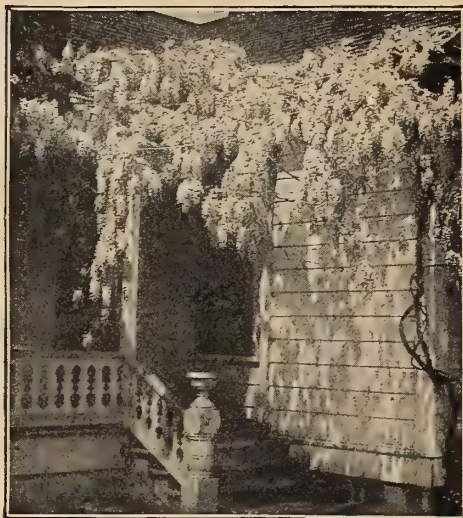
One of the best hardy climbers, producing their great trusses of flowers in abundance during the month of May with some scattering bloom in August and September. While they succeed in any kind of soil they should be liberally fed when first planted to give them a vigorous start. (See cut.)

Multijuga. A Japanese variety, bearing loose panicles frequently 3 feet long of deep purple flowers.

Sinensis. The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed.

— **Alba.** Of similar habit to *Sinensis*, with pure white flowers.

Price, any of the above, strong plants, 60 cts. each.



WISTARIA SINENSIS

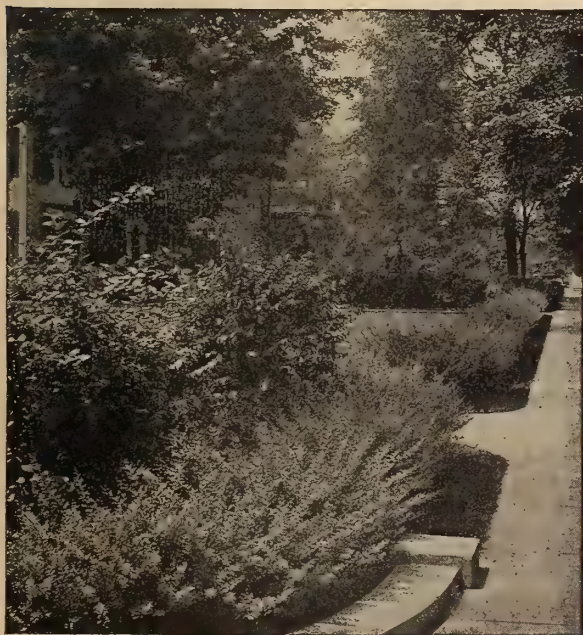
HEDGE PLANTS**BOXWOOD EDGING**

Bushy plants, 4 to 5 inches high, \$1.25 per doz.; \$8.00 per 100; \$75.00 per 1000.

Berberis Thunbergi (*Japan Barberry*)

Where a dwarf deciduous hedge is wanted, nothing equals this beautiful Barberry. Requires but little pruning to keep in shape. The leaves are small, light green, and towards fall assume rich, brilliant colors, the fruit or berries becoming scarlet. Absolutely hardy in all parts of the country. Plant 12 to 15 inches apart.

Extra strong 3-year-old plants, 18 to 20 inches high, \$2.50 per doz.; \$18.00 per 100; \$150.00 per 1000.



HEDGE OF BERBERIS THUNBERGI

California Privet (*Ligustrum Ovalifolium*)

Of all hedge plants this is the most popular, and more of it is planted than all others combined. It is of free growth, and succeeds under the most adverse conditions, such as under dense shade of trees, where other plants would not exist. Plant 1-year-old plants 8 inches apart, the 2-year-old plants 10 to 12 inches apart.

The plants offered below are strong, heavy, bushy plants of the heights specified, but as these plants, for best results, should be cut back severely when planted we will cut them down to 18 inches in height in order to conserve space in packing and cost of transportation.


Strong 1-year-old plants, 24 inches high, \$5.00 per 100;
\$40.00 per 1000.

Strong 2-year-old plants, 30 inches high, \$7.50 per 100;
\$50.00 per 1000.



CALIFORNIA PRIVET HEDGE

DREER'S SELECT SMALL FRUITS

 All Plants are forwarded on receipt of order unless instructed to the contrary and are sent by Express, purchaser paying charges. We can forward most plants by Parcel Post, and if wanted sent in this way, add 10 per cent. to value of order to points east of the Mississippi River, and 20 per cent. to points west of the Mississippi River.

While the list of Small Fruits offered is short, yet it is very select, only the very finest sorts being offered. This is preferable to a long list which would necessarily contain varieties of less merit.

We do not handle fruit trees such as Apples, Pears, Cherries, etc.

BLACKBERRIES

Blackberries respond generously to good treatment. They prefer a deep soil, inclining to sand, but will grow and fruit almost anywhere.

Rathbun. A splendid berry of exceptional fine flavor.

Snyder. One of the oldest and still one of the most popular.

Price. \$1.00 per doz.; \$6.00 per 100; \$40.00 per 1000.

CURRENTS AND GOOSEBERRIES

Fearing the introduction of the White Pine Blister Rust into their forests, a number of states prohibit the purchase of either Currants or Gooseberries from out-of-State nurseries, as there is a possibility of these two plants becoming affected and spreading the disease. We have, therefore, discontinued to handle them for the present.

HARDY BLACK GRAPE CONCORD

The best and most reliable all-around grape for the amateur. It has been our custom to offer from 6 to 12 different varieties of hardy grapes, but our own grower as well as other specialists in this plant, due to labor shortage and unfavorable weather conditions during the past few years, have been unable to produce the quantity of these odd varieties which our trade usually demands, and as a result we are this season offering only that most popular black variety Concord of which we can supply strong two-year-old plants at 35 cts. each; \$3.50 per doz.; \$25.00 per 100

RASPBERRIES

Raspberries will succeed in any soil that will grow good corn, but respond quickly to liberal treatment; for best results the old wood should be cut out just as soon as the crop has been gathered. This will give more vigor to the young canes for next year's bearing.

Cumberland. A large black cap of exceedingly fine quality.

Cuthbert. Large, deep, rich crimson.

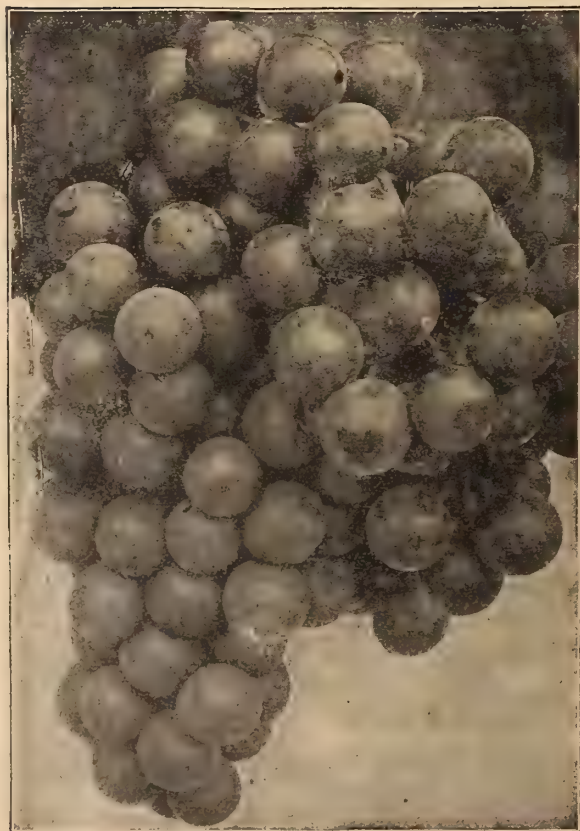
Price. \$1.00 per doz.; \$6.00 per 100; \$40.00 per 1000.

NEW EVERBEARING RASPBERRY, RED RANIERE

This is not only the earliest raspberry, but it is a perpetual fruiting variety. Its main crop is greater than that of any other red variety, and continues to bear fruit on the old canes until late in August, at about which time the berries begin to ripen on the young canes of the current year's growth, which continue to bear fruits in increasing number until late in fall. The berries are bright crimson, of good size, excellent quality, of a rich sugary, full raspberry flavor. \$1.00 per doz.; \$6.00 per 100; \$40.00 per 1000.



RATHBUN BLACKBERRIES



HARDY GRAPES



RASPBERRY

DREER'S COLLECTION OF Six Luscious Strawberries

A selection of perfect flowering varieties, they are all well-tried standard sorts which combine in the highest degree all the qualities looked for in high-grade berries, and no amateur will go wrong in limiting his plantings to the sorts here offered.

For best results strawberries should be planted before April 1st. Do not plant after the middle of April.

Big Joe. This midseason variety came to us highly recommended by reliable growers, and our own experience with it justifies us in endorsing all that has been said in its favor. The plant is unusually vigorous, with a mass of large, heavy foliage; the fruit is large, of great substance, exquisite flavor and produced freely on strong stems held well above the ground.

Brandywine. This is considered one of the finest mid-season to late-fruited sorts. We do not know that it has a single defect. The fruit is extra large, heart-shaped, color bright, rich red, and the flavor leaves nothing to be desired.

Campbell's Early. An extra early variety of great promise—a very vigorous grower, producing great crops of large, rich, red berries. Practically all the fruit grows to full sized perfection, ripening perfectly.

Dr. Burrill. This new early variety is highly praised by the experts because of its wonderful vigor. Having a very strong root system, it is not easily affected by drought, its foliage is extra heavy and substantial, making it almost immune from leaf diseases.

The fruit is a deep glossy red, while the flesh is solid and rich. We have great faith in this variety and recommend it for extensive trial.

Gandy's Prize. The standard late variety, which has held its own for many years. It is a strong healthy grower. The berries are borne on long, strong stalks, well above the ground.

Price. Any of the above varieties in strong layer plants, 30 cts. per doz.; \$2.00 per 100; \$15.00 per 1000
Or we will supply collections as follows:



William Belt. For vigorous growth, great productiveness, size, beauty and fine quality, one of the very best late varieties. It is grown by the acre for fancy fruit. The first berry to ripen on each fruit stalk, under high culture, is apt to be cocks-combed; all others are of regular form. It is of bright, glossy red, the ideal color for a strawberry.

6	plants	each	of	the	6	varieties,	36	in	all,	for	\$1	00
12	"	"	"	"	6	"	72	"	"	"	1	50
25	"	"	"	"	6	"	150	"	"	"	3	00

Autumn-Fruiting Or Everbearing Strawberries

After careful trials we have selected the two varieties offered below as the most desirable. Under ordinary conditions they produce their main crop of fruit at the same time as other varieties and keep on bearing until frost. The proper plan is to cut off all buds as they appear until late in July, and thus conserve the strength of the plants for the fall crop. Treated in this way an abundant crop of berries may be looked for during September and October, or if the disbudding of part of the plants is discontinued late in June an almost continuous crop of this luscious fruit may be secured throughout the growing season. Good cultivation is essential to bring about the best results, a liberal mulching during the summer is beneficial and the plants should not be allowed to suffer for lack of water at any time.

Peerless. A real fall-bearer—does not require disbudding and produces fruit until killing frost in November.

The fruit and blossoms being protected by very heavy foliage from all but severe frost.

The berry is large to very large and of a wonderfully attractive glossy appearance.

Progressive. The most prolific fruiting, berries of fair size and produced in great abundance; they are of an attractive deep, glossy crimson color and of good flavor.

Price. Either of the Everbearing varieties, 35 cts. per doz.; \$2.00 per 100; \$15.00 per 1000.

Biggie's Berry Book. A valuable work on the subject. 50 cts., postpaid.

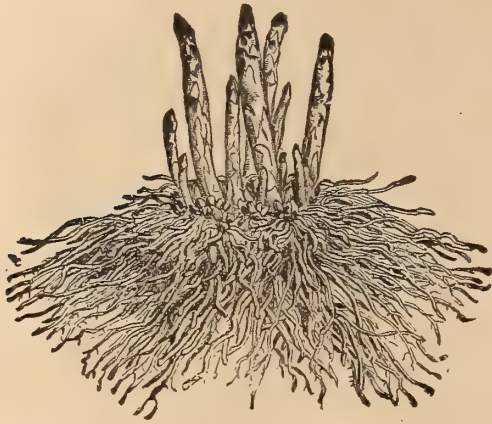
Strawberry Culture (Fuller). Contains all necessary information for their culture. 35 cts., postpaid.



AUTUMN FRUITING STRAWBERRIES

Vegetable Plants, Roots and Herbs

While patriotic duty inspired many during the past few years to plant a home vegetable garden, and while these have not in every instance been a success, a great many have been entirely so, and to many an amateur this has been the first real introduction of vegetables fresh from the garden to the table. This, together with the high cost of vegetables in all parts of the country, should induce many to continue their home gardens who would not do so under normal conditions, and with this in mind we will continue to give the same care and attention to the development of this class of plants that we did during war times,



ASPARAGUS ROOT



DREER'S ALL HEART LETTUCE

ARTICHOKES

Dreer's Selected Large Green Globe. Pot Grown Plants. (Ready April and May.) \$1.50 per doz.; \$10.00 per 100.

Jerusalem Artichoke. Grown for pickling, also extensively used for feeding stock. Tubers, 30 cts. per qt.; \$1.50 per peck; \$5.00 per bushel.

ASPARAGUS

(Cultural leaflet mailed free on application)

Dreer's Eclipse. This variety is the result of a most careful selection and "breeding up" to the large type, yet retaining the delicate light green color and tender quality desired.

Argenteuil. Very popular in France, and extensively grown for the Paris market. The stalks grow to mammoth size, sometimes weighing as much as 4 ounces each. We supply plants grown from French seed.

Conover's Colossal. Large and productive.

Palmetto. An early, prolific and very desirable variety.

Columbian Mammoth White. Large, white stalks, very tender.

Price. Any of the above varieties in strong two-year-old roots (the proper size to plant), 30 cts. per doz.; \$1.25 per 100; \$10.00 per 1000.

BRUSSELS SPROUTS

(Ready April, May and June)

Dreer's Select Matchless. An extra select strain of this desirable vegetable. 15 cts. per doz.; 75 cts. per 100; \$6.00 per 1000.

CABBAGE, EARLY VARIETIES

(Ready April and May)

Early Jersey Wakefield. Very early; conical heads.

Early Summer. Large, solid, flattish heads.

15 cts. per doz.; 60 cts. per 100; \$5.00 per 1000.

CABBAGE, LATE VARIETIES

(Ready June and July)

Dreer's Selected Flat Dutch. The best late Cabbage.

Perfection Drumhead Savoy. Of superior quality; fine flavor.

Mammoth Rock Red. The largest and most solid of the red sorts. 60 cts. per 100; \$4.00 per 1000.

CAULIFLOWER (Ready April and May)

Dreer's Earliest Snowstorm. The best extra early variety.

Early Snowball. Very early; of fine quality.

Hot-bed Grown, 25 cts. per doz.; \$1.50 per 100

Pot-Grown 75 " " " 5.00 " "

CELERY (Ready July and August)

Easy Blanching. A new variety that blanches very easily; desirable both for early and late use.

Columbia. An exceptionally fine early variety.

Dreer's Monarch. Very large green stalks with golden heart.

Giant Pascal. A popular variety for late use.

Golden Self Blanching. A fine early sort, requiring very little labor to blanch.

Perfected White Plume. Unsurpassed for fall and early winter use.

Winter King. A strong grower and one of the best winter keepers.

Winter Queen. An excellent winter keeping variety.

75 cts. per 100; \$6.00 per 1000.

CHAMOMILE

Pot Grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

CHIVES

For flavoring. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

EGG PLANTS (Ready May and June)

Early Black Beauty. Produces in abundance fruit of the very best quality. Pot Grown Plants. 3-inch pots, 75 cts. per doz.; \$5.00 per 100.

HOP VINES

Pot Grown. 25 cts. each; \$2.50 per doz.; \$18.00 per 100.

HORSE RADISH

Maliner Kren or New Bohemian. A variety that produces roots of enormous size, and succeeds in any soil. Sets. 30 cts. per doz.; \$1.00 per 100; \$7.50 per 1000.

LAVENDER

Pot Grown. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

**LETTUCE** (Ready April and May)

Dreer's All Heart. The most reliable hard-heading Lettuce ever introduced; extra fine quality.

Dreer's Improved Hanson. One of the best head varieties for summer use.

15 cts. per doz.; 50 cts. per 100.

MINT

Peppermint and Spearmint.

Pot grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

PEPPERS (Ready May and June)

Large Bell or Bullnose. Large thick fleshy fruits of mild flavor.

Pimiento. The sweetest pepper grown; very freely produced.

Ruby King. A good variety; very productive and sweet.

Long Red Cayenne. Long scarlet fruits; hot and pungent.

Pot grown. 75 cts. per doz.; \$5.00 per 100.

PENNYROYAL

Pot grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

PARSLEY (Ready April, May and June)

Dreer's Dwarf Perfection. Forms globular plants of beautifully curled foliage. Pot grown. 75 cts. per doz.; \$5.00 per 100.

RHUBARB

Early Victoria. Produces very large stalks and considered the finest cooking variety. Strong roots. 15 cts. each; \$1.50 per doz.; \$10.00 per 100.

ROSEMARY

Pot grown. 25 cts. each; \$2.50 per doz.

SAGE, HOLT'S MAMMOTH

20 cts. each; \$1.50 per doz.; \$10.00 per 100.

SAVORY, WINTER

Pot grown. 35 cts. each; \$3.50 doz.; \$20.00 per 100.

SWEET POTATOES

(Ready May and June)

Yellow and Red, Nansemond. \$1.00 per 100; \$7.50 per 1000.

TANSY

Pot grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

TARRAGON (Estragon)

Pot grown. 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

THYME

Broad Leaved English. Pot grown. 20 cts. each; \$1.50 per doz.; \$10.00 per 100.

TOMATOES (Ready May and June)

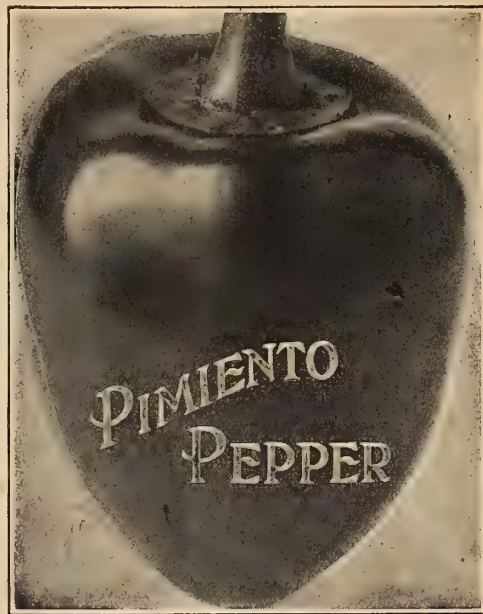
Bonny Best. Early and productive; fruit of uniform size and shape; color bright scarlet.

John Baer. Splendid extra early.

Stone. The leading variety for general use; fruit exceedingly solid and of finest quality

Ponderosa. A splendid variety of largest size; very solid; color purplish-pink.

Strong plants grown in 3-inch pots. 75 cts. per doz.; \$5.00 per 100; \$40.00 per 1000.



POT-GROWN TOMATO PLANT
(Showing the Strong Root Development)



EARLY JERSEY WAKEFIELD CABBAGE

CHOICE HARDY SHRUBS

We offer here but a few specialties in Hardy Shrubs for spring planting. We do not recommend the general planting of deciduous shrubs in spring. Our Autumn Catalogue, issued early in September, will contain a full and comprehensive list of desirable varieties, and delivery of these can be made during the autumn months when the plants are in a dormant condition.

Buddleia Variabilis Amplissima. Grows taller and more slender than *Veitchiana*. Probably more graceful in appearance, the loosely arranged flower spikes are of a brighter reddish-violet.

Buddleia Variabilis Veitchiana (*Butterfly Shrub or Summer Lilac*).

One of the most desirable summer flowering shrubs, beginning to bloom in July, it continues until cut by severe frost. The flowers are of a pleasing shade of violet-mauve, and are borne in dense cylindrical spikes, which, under liberal cultivation, are from 12 to 15 inches in length by 3 inches in diameter; it succeeds everywhere and flowers freely the first season planted, and is always admired.

Price. Either of the above, 30 cts. each; \$3.00 per doz.; \$20.00 per 100.

Crataegus Pyracantha Lalandi. This is a select variety of the Evergreen or Fiery Thorn, producing masses of brilliant orange-scarlet berries. We have prepared a lot of plants which should fruit freely another season. 50 cts. each; \$5.00 per doz.

Hypericum Patulum Henryi. A new hardy St. John's Wort of shrubby habit, growing from 2½ to 4 feet high, producing masses of large clear yellow flowers during July and August, and retaining its neat foliage until late in the Autumn. A most desirable Shrub. 50 cts. each.

Note.—Prices on Shrubs and all other plants include boxes and packing and delivery to transportation company in Philadelphia.

ALTHEA WILLIAM R. SMITH

Abelia Chinensis Grandiflora. A choice small Shrub of graceful habit, producing through the entire summer and fall months white tinted lilac heather-like flowers in such abundance as to completely cover the plant. 50 cts. each.

Althea William R. Smith. Everyone will be pleased with this splendid giant-flowering variety; one of our own introductions.

The habit of the plant is ideal, naturally forming attractive, symmetrical, bushy specimens, while the glistening pure white flowers are of giant size compared to all other sorts, being fully 4 inches in diameter under ordinary cultivation, and open out flat or salver-shaped quite different from the older types which only partially expand; these large, showy flowers are produced in great profusion from early in July until late in September, and are very conspicuous at a period when comparatively few Shrubs are in bloom. Two-year-old plants, 50 cts. each; \$5.00 per doz.

Azalea Amcena. This little gem is practically evergreen, and in late spring the plants are literally smothered with masses of rosy crimson flowers. We offer bushy spreading plants, 12 inches in diameter, \$1.00 each; \$10.00 per doz.; \$75.00 per 100; 15 inches in diameter, \$1.50 each; \$15.00 per doz.; \$100.00 per 100.

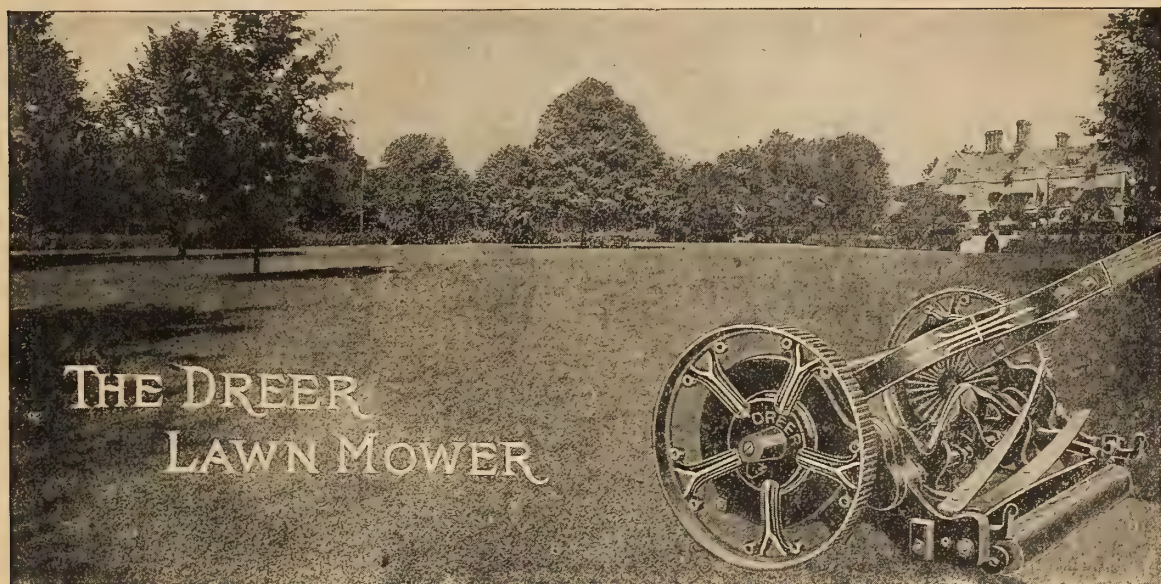
— **Ledifolia Alba.** A choice hardy variety, producing in late spring large pure white flowers similar to the well-known *Azalea Indica Alba*. It is very free flowering, and is valuable to plant in connection with high-colored *Azaleas* and *Rhododendrons*, or as an individual specimen. Strong bushy plants, 15 inches high, 75 cts. each; \$7.50 per doz.

— **Yodogawa.** This charming species is a perfect gem. It grows about 3 feet high, and early in May, before all other varieties, is literally covered with semi-double lavender-pink flowers, a shade at once distinct from all others and very pleasing. Strong plants, \$1.50 each; \$15.00 per doz.



BUDDEIA (Butterfly Shrub)

TOOL, IMPLEMENT AND SUPPLY DEPARTMENT



The "Dreer" Lawn Mower has no superior, and is now extensively used on private and public grounds. The High Wheel is easiest running, has ten-inch-drive wheels, and can be supplied with either four or five blades in the revolving cutter. For frequently mown lawns we advise the five blade machines, as they cut smooth, although the four blades does excellent work. The Low Wheel is built on the same plan, but with four blades only. Grass catchers can be supplied for both machines when ordered. **The Dreer Lawn Mower is Guaranteed.** We can furnish all repairs at short notice. (Send for special circular.)

"DREER" HIGH WHEEL, MOWER

	With 4 Blades.	With 5 Blades.
15-inch cut	\$17 75	\$18 50
17 " "	19 50	20 50
19 " "	22 00	23 00
21 " "	24 00	25 00

Pennsylvania "Grand" Horse Lawn Mower

This machine, in addition to the good qualities of the well-known Pennsylvania Horse Mower, has some features that are distinctly its own which recommend it to all who use horse power machines. The operator, without leaving his seat, can instantly change from low to high cut or an intermediate one.

Fitted with handles and draft irons only, the mower can be easily managed on a lawn broken up with trees and shrubbery, or on a small place where it is not essential for the driver to ride. 30-inch cut, 4 blades, \$110 00; 6 blades.....\$125 00
38 " " 4 " 140 00; 6 " 155 00

Complete with shafts, seat and footboard, as illustrated below, add \$20.00 to the above prices.

PENNSYLVANIA HORSE LAWN MOWER

30-inch cut, 4 blades, \$97 50; 6 blades.....\$112 50
38 " " 4 " 125 00; 6 " 140 00

Complete with shafts, seat and footboard, add \$20.00 to the above prices.

25-inch Pony Mower, 4 blades, \$50.00; 6 blades\$60 00

"DREER" LOW WHEEL MOWER

12-inch cut, 4 blades..\$11 00	16-inch cut, 4 blades..\$14 00
14 " " " " .. 12 50	18 " " " " .. 15 50

GRASS CATCHERS FOR "DREER" MOWERS

12-inch (Low Wheel) ..\$2 50	15-inch (High Wheel) ..\$3 00
14 " " " " .. 2 75	17 " " " " .. 3 00
16 " " " " .. 3 00	19 " " " " .. 3 25
18 " " " " .. 3 00	21 " " " " .. 3 50

PENNSYLVANIA BALL BEARING LAWN TRIMMER

For cutting around borders and flower beds, and close to wall, fence or stone coping. 6-inch cut. Price, \$9.00.

PENNSYLVANIA UNDERCUT BALL BEARING LAWN TRIMMER

6-inch cut.....Price, \$10.00

COLDWELL HORSE LAWN MOWER

Is used in many public parks and private estates. Price complete with shafts, seat and side draft attachment, which keeps the horse on the cut grass; 30-inch cut, \$98.00; 35-inch, \$118.00; 40-inch, \$138.00; 25-inch Pony, without shafts or seat, \$60.00.

OILERS

Copperized steel, 40 cts.; extra large, 50 cts.; zinc, 35 cts.

SPECIAL LAWN MOWER OIL

1 qt., \$0.50; ½ gal., \$0.75; 1 gal., \$1.00

HORSE LAWN BOOTS

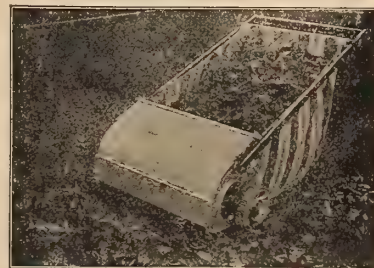
Golf Link Boots, all leather, per set.....	\$18 00
Flat Sole, heavy leather, "	18 00
All steel, plain, \$15.00; with leather taps.....	18 00

PENNSYLVANIA LAWN CLEANER

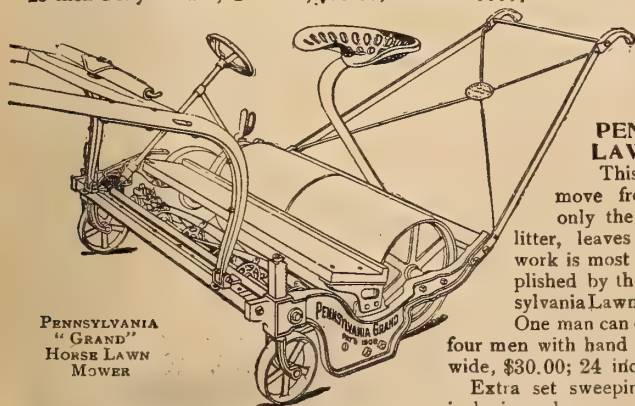
This machine will remove from the lawn not only the cut grass, but all litter, leaves and trash. This work is most effectively accomplished by the use of the Pennsylvania Lawn Cleaner and Rake.

One man can do more work than four men with hand rakes. 36 inches wide, \$30.00; 24 inches wide, \$20.00.

Extra set sweeping brushes for 24 inch size only\$5 00



PENNSYLVANIA LAWN CLEANER



PENNSYLVANIA
"GRAND"
HORSE LAWN
MOWER

We can supply Pennsylvania, Continental and Philadelphia Hand Lawn Mowers, also Motor Power Mowers. Write for Catalogues and Prices.

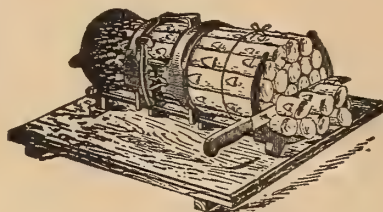
THIS department aims to keep first-class Tool and Implement needed for the easy and rapid cultivation of the Flower and Vegetable Garden, Greenhouse and Farm. Owing to the present unsettled conditions, prices on Tools and Sundries are subject to change without notice.



STABLE PUSH BRUSH



WIRE CARNATION SUPPORT



PHILADELPHIA ASPARAGUS BUNCHER



BRASS DIBBLE



DOCK OR WEED LIFTER



FRUIT PICKER WITH BAG



WIRE FRUIT PICKER

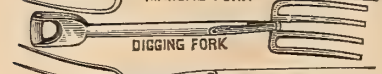


GRAPE BAGS

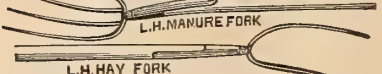
WIRED GRAPE BAG



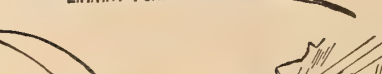
MANURE FORK



DIGGING FORK



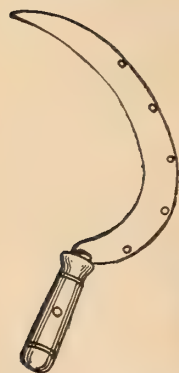
L.H. MANURE FORK



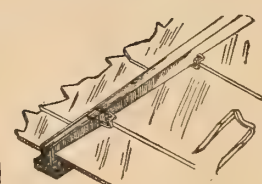
L.H. HAY FORK



DOCK EXTRACTOR



GRASS HOOK OR SICKLE



PEERLESS GLAZING POINTS



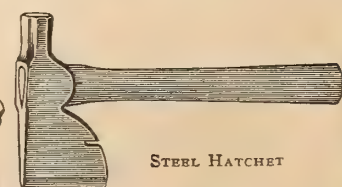
GRAFTING TOOL



WIRE HANGING BASKET



GARDEN REEL



STEEL HATCHET



PRUNING AND GARDEN GLOVES



HAND WEEDING FORK



FUMIGATING LAMP



GRASS EDGING KNIFE

Asparagus Buncher.	Acme, \$3.50; Philadelphia..	\$3 50
Asparagus Knife.	American, 60 cts.; Improved....	75
Axe.	Best quality, handled, \$2.25; heavy.....	2 50
Bill Hook.	Short handle, \$3.00; long handle.....	3 50
Brooms.	(Stable.) Push, rattan or cocoa.....	1 50
	“ “ Upright, corn or rattan	1 25
Carnation Supports.	Wire, 2 ring, doz., 75 cts.; 100,	\$5.50; 3 ring, doz., 85 cts.; 100.....
		6 50
Dibbles.	All iron, 50 cts.; iron point, 65 cts.; brass point	85
Dock Extractors.	Heavy, for field use.....	3 50
	“ or Weed Lifter. Small, 17 inches, 75 cts.;	
	large, 25 inches	85
Forks.	Hand weeding, steel, 50 cts.; long handle....	75
	Digging or spading, 4-pronged, D handle, \$1.75; 5-	
	pronged, \$2.00; boys' or ladies', 4-time.....	1 25
	Manure, long handle, 4-time, heavy, \$1.50; 5-time....	1 75
	Manure, D handle, 4-time, medium, \$1.50; 5-time....	1 75
	Hay, long handle, 2-time, \$1.50; 3-time.....	1 75
Fumigating Lamp.	(Metal.) For vaporizing nicotine.	75
Fruit Pickers.	Wire, without pole.....	60
	“ “ with bag, without pole.....	75
	“ “ no Bruze, with 4-ft. handle.....	1 50
	“ “ “ “ 6-ft. “	1 75
	“ “ “ “ 8-ft. “	2 00
Garden Reels.	Iron, small, \$1.00; large.....	1 50
	Galvanized, single, \$2.50; double, heavy.....	3 00
Garden Lines.	Best Italian Hemp, 30 ft., 45 cts.; 60	
	ft., 90 cts.; 90 ft., \$1.35; 120 ft., \$1.80; 150 ft.,	
	\$2.25; 180 ft., \$2.70; 240 ft., \$3.60; 300 ft., heavy..	4 50
Garden Tool Sets.	Children's, \$1.50; Ladies', large size	1 75
Glass Cutter.	Diamond, \$3.00 and \$4.00; steel wheel	20
Glazing Points.	Peerless. (Improved Van Reyper.)	
	Made in three sizes, viz.: No. 1 for small single thick	
	glass; No. 2 for medium double thick glass; No. 2½,	
	for large double thick and skylight glass. Price, per	
	1000, 75 cts.; postpaid.....	90
Glazing Points.	Siebert's (zinc brads), 1000 to 1200	
	to the pound, sizes ½ and ¾-inch long, per pound.....	75
Gloves.	Used for gardening or pruning thorny plants...	2 25
Grass Edging Knives.	With handles, English steel,	
	8-inch, \$1.75; 9-inch, \$2.00; American steel, 9-inch..	1 25
Grass Hooks or Sickles.	English, riveted back, No.	
	0, 70 cts.; No. 1, 75 cts.; No. 2, 80 cts.; No. 3....	85
	Little Giant, 75 cts.; English, solid, 65 cts.; Dreer's..	75
Grafting Tool.	Small, 85 cts.; large (see illustration)	1 25
Grafting Wax.	¼ lb., 15 cts.; ½ lb., 25 cts.; 1 lb....	45
Grape Bags.	Paper, plain, per 100, 25 cts.; per 1000	2 00
	With wire, per 100, 50 cts.; per 1000.....	4 50
Hanging Baskets.	Galvanized wire, 8-inch, 25 cts.;	
	10-inch, 40 cts.; 12-inch, 55 cts.; 14-inch.....	70
Hammers.	Claw, medium weight, \$1.25; heavy.....	1 50
Hatchets.	Medium weight, \$1.50; heavy.....	1 75

DREER'S RELIABLE



GARDEN AND GREENHOUSE HOSE



COMBINATION HOSE NOZZLE



POTATO HOE



BRASS HOSE COUPLER



HOSE NOZZLE HOLDER



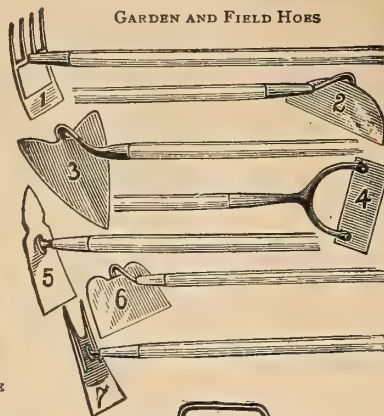
GEM NOZZLE



BOSTON NOZZLE



BOSS NOZZLE



GARDEN AND FIELD HOES

Hose Rubber. Dreer's Reliable Garden and Green House Hose.

Extra quality... $\frac{3}{4}$ -in., per ft., 17c. | Riverton Moulded, $\frac{1}{2}$ -in., per ft., 20c.
 Fine..... " " 19c. | " " $\frac{3}{4}$ -in., " 23c.
 Wire-wrapped... " " 20c. | Chicago Electric, $\frac{3}{4}$ -in., " 22c.

Hose Nozzles. Boston, coarse or fine, \$1.00; heavy, \$1.25; Boss, \$1.00; Gem, 85 cts.; brass combination, rose and stream.....\$1 50

Hose Nozzle Holder. Wire. (See illustration)..... 25

Hose Clamps. (Sherman's.) Each, 8 cts., per doz..... 75

Hose Couplers. Brass, $\frac{3}{4}$ -in., per pair, 30 cts.; per doz. pairs. 3 00

Hose Menders. Jones, iron, each, 8 cts.; per doz..... 75

" " Cooper's, brass, each, 10 cts.; per doz..... 1 00

" " Perfection, each, 12 cts.; per doz..... 1 25

Hose Reels. Wirt's, Iron, No. 1, to hold 50 feet, \$3.00; No. 10, 100 feet, \$4.50; No. 20, 150 feet, \$5.00; No. 30, 500 feet. 8 00

Hoes. Celery, 15-inch blade, \$2.00; grubbing..... 2 00

Weeding (Fig. 1), with 4-tooth rake, 85 cts.; 6-tooth rake... 95

Half Moon (Fig. 2), 3-in., 75 cts.; 4-in., 80 cts.; 5-in., 85 cts.; 6-in., 90 cts.; 7-in., 95 cts.; 8-in..... 1 00

Warren (Fig. 3), three sizes, \$1.00, \$1.05 and..... 1 10

Scuffle (Fig. 4), 4-in., 90 cts.; 5-in., \$1.00; 6-in., \$1.10; 7-in., \$1.20; 8-in., \$1.30; 9-in., \$1.40; 10-in..... 1 50

Garden (Fig. 5), 1 pt., 70 cts.; (Fig. 7), 2 pt., 75 cts.; 3 pt. 80

Square (Fig. 6), 6-in., 90 cts.; 7-in., 95 cts.; 8-in..... 1 00

Potato, 4 pronged, \$1.50; Mehler's Handy Hoe..... 1 50

House or Seed Frame. 12 x 16 in., for raising young plants 2 00

Hotbed Sash. Unglazed, \$3.25; glazed and painted..... 7 00

Sunlight Sash. A double sash with many advantages; never has to be covered, retains the heat, excludes the cold, glass slips in, easily repaired. Furnished 3 x 6 ft. unglazed, or glazed and painted. *Send for circular and prices.*

Hotbed Mats. For Hotbeds and Cold Frames. One side waterproof, 40 x 76 in., \$2.50; per doz., \$28.00; 76 x 76 in., \$4.00; per doz..... 44 00

Plain nonwaterproof, 40 x 76 in., \$2.25; per doz., \$26.00; 76 x 76 in., \$3.50; per doz..... 40 00

Straw, 3 x 6 ft., \$1.50; 6 x 6 ft..... 2 50

Knives. Pruning, American, 75 cts., \$1.00 and..... 1 25

" Combination, two-bladed, \$1.25 and..... 1 50

Budding, Dreer's Special..... 1 50

" Ivory Handle, \$1.50, and..... 1 75

Propagating or cutting, Ivory Handle, \$1.50 and..... 1 75

Corn and Hedge, American, 75 cts.; Little Giant..... 1 00

Brush, American, \$2.00; English..... 2 50

Gooseberry, Raspberry and Currant Pruning..... 1 50

Labels. Wood, painted, for pots: Size. PER 100. PER 1000.

4-inch..... \$0 20 \$1 25 6-inch..... \$0 35 \$2 00

4 $\frac{1}{2}$ "..... 25 1 50 8 "..... 75 5 50

5 "..... 30 1 75 10 "..... 90 7 00

3 $\frac{1}{2}$ -in. wood, for trees, shrubs, etc., copper wired.. 40 2 50

Copper, indestructible, No. 2, heavy, doz., 35 cts.; gross..... 3 50

" " light, doz., 30 cts.; gross..... 3 00

White Metal, per doz., 25 cts.; per gross..... 2 00

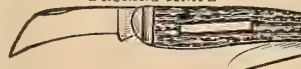
Zinc, small, per 100, \$1.50; medium, \$2.00, large..... 3 00

Label Ink. Indelible, for zinc labels, per bottle..... 35

Label Pencils. Special black, each, 10 cts.; per doz..... 1 00



PRUNING KNIFE



COMBINATION PRUNING



DREER'S SPECIAL



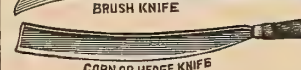
BUDDING KNIFE



PROPAGATING KNIFE



CORN KNIFE



BRUSH KNIFE



CORN OR HEDGE KNIFE



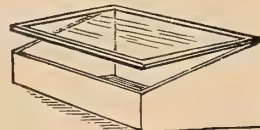
SHERMAN HOSE CLAMP



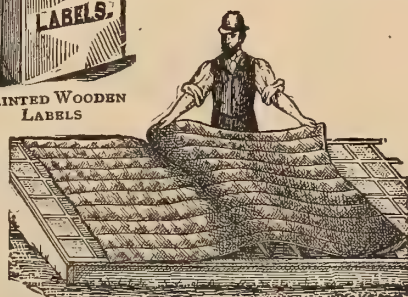
PAINTED WOODEN LABELS



JONES' HOSE MENDER



HOUSE OR SEED FRAME



HOT BED AND COLD FRAME MATS



CLIPPER LOPPING SHEAR

LOPPING SHEAR BORDER SHEAR ADJUSTABLE POLE TREE SAW

Shears. Grass border, 8-in. blade, \$4.00; 10-in.	\$4 50
With wheels, 8-in. blade, \$4.50; 10-in.	5 00
Lawn, 2 wheel, 9-in. blade; for under trees and fences	5 00
Hedges, English, 8-inch. \$2.50; 9-inch, \$2.75; 10-inch.	3 00
Ladies' Garden or Hedge, 5½ in. blade.	2 25
Lopping Clippers, 20-in., \$1.50; 23-in., \$3.50; 25-in.	4 00
English, 27-in., \$3.50; 31-in., \$4.00; 38-in., \$4.50; 44-in.	5 00
Tree-pruning, Water's, 4 ft., \$1.35; 6 ft., \$1.50; 8 ft.,	
\$1.75; 10 ft., \$2.00; 12 ft.	2 25
Tree-pruner, compound lever; 8 ft., \$3.50; 10 ft., \$3.75;	
12 ft., \$4.00; 14 ft.	4 50
Tree Pruning, Telegraph, without pole.	1 75
Sheep or grass. English, \$1.00 and \$1.25; 7½ inch blade,	
\$1.50; with inside spring, \$1.75; American, 50.	75
Sieves. Extra heavy, 18-in., \$1.25; 20-in.	1 50
Shovels. (Fig. 3), round point, D handle.	1 85
(Fig. 1), square point, D handle, \$1.85; Maynard's.	2 25
(Fig. 2), long handle, \$1.85; Ames', \$2.25; Maynard's	2 25
Spades. (Fig. 4), Dreer's Special, \$1.85; Ames', \$2.25;	
Maynard's solid steel, \$2.25; Ladies' or Boys'	1 50
Spuds. (Weeders.) Long handle, \$1.25; Dandelion.	50
Stakes. Light tapering, round, painted green:	
1½ ft., doz., 25c., 100, \$1 50 3 ft., doz., 70 c., 100, \$4 75	
2 " " 40c., " 2 75 3½ " " 85 c., " 6 00	
2½ " " 55c., " 3 75 4 " " \$1.00 " 7 00	
	5 " " 1.15 " 8 00

Heavy Rose or Dahlia. Round, painted green:	
3 ft. ea. 10, doz. \$1.00, 100, \$7 00 5 ft. ea. 15, doz. \$1.70, 100, \$12 00	
4 " " 12, " 1.30, " 9 00 6 " " 20, " 1.90, 100 13 75	

Square. Painted green. A good strong stake:	
Each. Per Doz. Per 100	Each. Per Doz. Per 100
1½ feet .3...25 cts., \$1 75 3½ feet 10 95 cts. \$6 50	
2 " .4...40 " 2 75 4 " 12 \$1.20 8 50	
2½ " .5...55 " 4 00 5 " 14 1.55 11 00	
3 " .8...85 " 6 00 6 " 18 1.90 13 00	

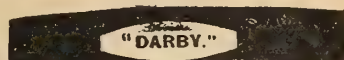
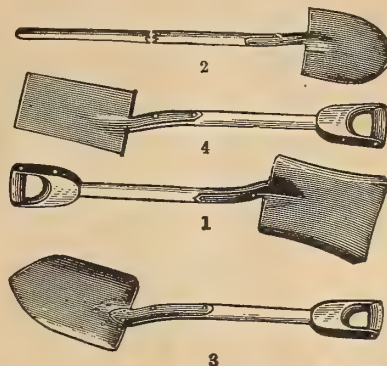
Plain unpainted Dowels:	
Length. Diameter.	
42 inches, 1 inch, doz., 25 cts.; 100, \$1.50; 1000, \$10 00	
42 " 1½ " " 30 " " 1.75; " 12 00	
42 " 2 " " 40 " " 2.50; " 18 00	
36 " 2½ " " 35 " " 2.00; " 13 00	

Dyed Green. Add 25 cts. per 100; \$2.00 per 1000.	
Galvanized hard drawn steel, No. 10. Wire stakes:	
Per Doz. Per 100	Per Doz. Per 100
2 feet .25 cts. \$1 25 4 feet .45 cts. \$2 25	
2½ " .30 " 1 50 4½ " .50 " 2 50	
3 " .35 " 1 75 5 " .60 " 2 75	
3½ " .40 " 2 00 6 " .70 " 3 00	

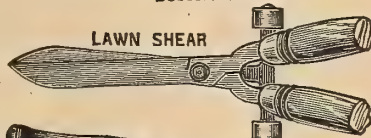
Syringes. Brass.	
No. A stream and spray, \$3 50 No. H, with spray only \$3 00	
" C " " 4 50 Atomizers, Tin, 40c. and 75	
" 2 " 2 sprays 5 00 " Brass, \$1.00 and 1 25	
" 3 " 2 " 6 00 Automatic, compressed	
" 5 " 2 " 6 50 air, Brass. \$1.75 and 2 50	

Trowels. American steel, 15 cts., 25 cts. and.	35
English, pattern, steel, strong, 6-in., 65 cts.; 7-in.	75
Cleves', Angle or Curved Transplanting, 5-in., 20c.; 7-in.	30
Tomato, \$1.25; Berry, 50 cts.; Transplanting.	65
Steel shank, extra fine quality (heavy)	85

SHOVELS AND SPADES



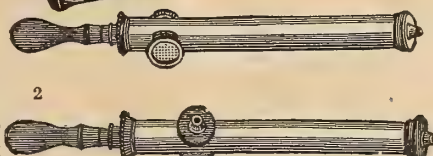
SCYTHE STONES



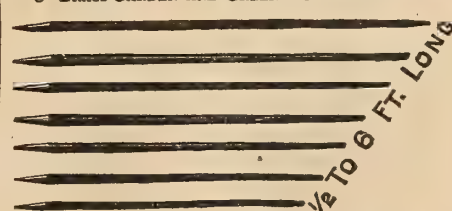
LAWN SHEAR



HEDGE SHEAR



5 BRASS GARDEN AND GREENHOUSE SYRINGES



PLANT STAKES



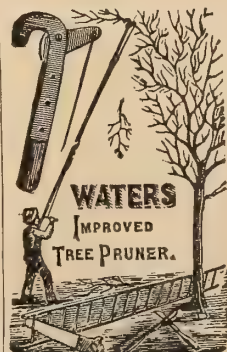
CLEVES' ANGLE TROWEL



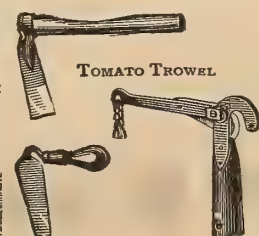
STEEL SHANK TROWEL (EXTRA HEAVY)



ENGLISH PATTERN STEEL TROWEL

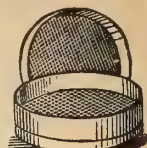


WATERS IMPROVED TREE PRUNER

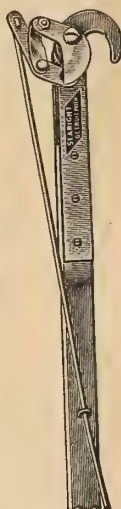


TOMATO TROWEL

TRANSPLANTING TROWEL TELEGRAPH TREE PRUNER



SOIL SIEVES



COMPOUND LEVER TREE PRUNER



GRASS SHEAR

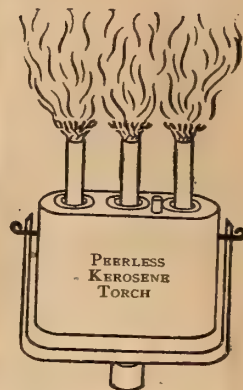
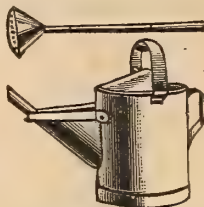


STEEL SPUD

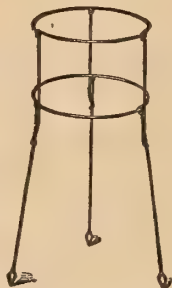
DREER'S RELIABLE GREENHOUSE AND CONSERVATORY THERMOMETERS.

HOTBED, DAIRY,
OR
MUSHROOMCOPPER
CASESELF-
REGISTERINGDREER'S
SPECIALWIRE TRELLIS
FOR VINES.
SPECIAL SIZE
TRELLISES
MADE TO ORDER

ASBESTOS TORCH

PEERLESS
KEROSENE
TORCHOVAL GALVANIZED
WATERING CAN.ROUND GALVANIZED
WATERING CANLIGHT GALVANIZED
WATERING CAN

EXCELSIOR WEEDEE

PEONY OR
TOMATO TRELLIS

EUREKA WEEDEE



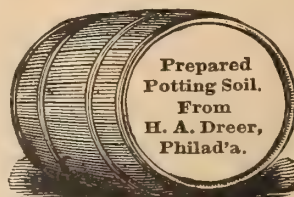
RAFFIA

TREE
SCRAPER

JUTE TYING TWINE

PUTTY
DISTRIBUTORPULL EASY
DANDELION
LAWN
WEEDEE

LANG'S WEEDEE

Prepared
Potting Soil.
From
H. A. Dreer,
Philad'a.

Thermometers. While we use great care in packing, thermometers are shipped at purchaser's risk.

Dreer's Special, oxidized scales, 8 in., \$1.50; 10 in., \$2.00
Tin, Japanned, tested, 8 in., \$1.50; 10 in., \$1.75; 12 in., 2.00
Copper case, tested, 8 in., \$1.75; 10 in., 2.00
Conservatory, porcelain, scale, large figures, \$1.50 and 2.00
Self-registering, tin case, \$4.00; copper case, 4.50
Hotbed or Mushroom, iron point, \$2.00; brass point, 2.75
Dairy or hotbed, standard tested (glass), 1.25

Torch for burning caterpillars' nests. Asbestos, 65 cts.,
Peerless kerosene, 1.25

Tree Scrapers. Best steel, 10 and 20 in. handle, 1.00

Trellis. Peony or Tomato (Wood), each 35 cts.; doz., 4.00

Trellis. Peony or Tomato (Wire), each 35 cts.; doz., 4.00

Trellis Wire. (see illustration). For small vines, etc.,
12 in., 35 cts.; 15 in., 45 cts.; 18 in., 60 cts.; 24 in., 75

Watering Cans. Galvanized. Two qualities, heavy
and light. The light has one rose. The heavy has
brass tips and two copper-faced roses. Extra roses heavy 75

LIGHT ROUND HEAVY ROUND HEAVY OVAL

4 qt.	\$1.00	\$3.50	
6 "	1.20	3.75	\$4.00
8 "	1.40	4.00	4.25
10 "	1.60	4.25	4.50
12 "	1.80	4.50	4.75
16 "	2.00	4.75	5.00

Low, for greenhouse, galvanized, 2.75

Window garden. Light weight, painted green, 2 qts.,

\$1.25; 4 qts., \$1.50; 6 qts., 2.00

Weeders. Excelsior, 15 cts.; Lang's, 25 cts.; Eureka, 50

(See also Dock Extractors and Spuds.) Hazeltine, 50

Magic, 35; Pull Easy Dandelion Lawn Weeder, 1.00

Wheelbarrows. Garden. (See page 221.)

SUNDRIES

Leaf Mould. \$1.25 per bus., \$3.00 per bbl.

Pebbles. Qt., 15 cts.; peck, 75 cts.; bus., \$2.50.

Propagating Sand. Peck, 40 cts.; bu., \$1.25; per barrel,
\$3.00.

Prepared Potting Soil. Peck, 40 cts.; bu., \$1.25; per
barrel, \$3.00.

Prepared Bulb Fibre. 75 cts. per peck; \$2.50 per bushel.

Sphagnum Moss. For growing Orchids and packing plants
and trees, etc. Small bale, \$1.50; Large bale, \$3.50.

Jersey Peat. \$1.25 per bus., \$3.00 per bbl.

Oregon Peat. For Orchids. Lb., 15 cts.; per bbl., put up
in sacks, \$2.50.

Green Cotton Twine. For tying. Lb., \$1.25.

White Cotton Twine. For tying. Lb., 85 cts.

Jute Twine. For tying plants and vegetables. We can fur-
nish 2, 3 and 5 ply. Ball, 20 cts.; per lb., 40 cts.

Silkalene. A strong green thread for tying plants; used for
Smilax and Asparagus Vine. Per spool, 35 cts.; lb., \$2.50.

Raffia. Natural color. Lb., 70 cts. Dyed green, lb., \$1.50.

Mastica. A substitute for putty for greenhouse glazing, \$2.50
per gal.; in lots of 5 gals. and over, \$2.40 per gal.

Mastica Machine. For applying Mastica, \$2.40.

Putty Distributor. For putty or Mastica. \$1.50.

Glazing Cement. A substitute for putty. 1 gal., \$1.65;
5 gal. can, \$1.60 per gal. Barrel quantities, \$1.50 per gal.

Glazing Guns, \$3.50. (Send for descriptive circular.)

Planet Jr. Farm and Garden Implements



Have a great variety of attachments which adapt the implements to all kinds of work, and there is scarcely any garden that has not adopted the Planet Jr. Tools. You can do more and better hoeing and cultivating, and plants thrive better when well cultivated.

No. 3 Hill Drooping and Drill Seeder only. Capacity 3 qts. \$17 75

No. 4 Combined Hill and Drill Seeder and Single Wheel

Hoe...... 18 75

No. 4 D Hill and Drill Seeder only..... 14 75

No. 5 Hill and Drill Seeder. Capacity, 5 qts. Has 1½ inch drive wheel..... 20 25

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe complete...... 22 25

No. 31 Combined Drill Seeder and Single Wheel Hoe..... 12 25

No. 31 D. As a Drill Seeder only..... 9 75

No. 33 Single Wheel Hoe equipment of No. 31 6 00

No. 16 Single Wheel Hoe, has 1 Plow, 2 Hoes, 3 Cultivator Teeth, 2 Rakes and Leaf Lifter..... 9 75

No. 17 Single Wheel Hoe, has 1 Plow, 2 Hoes and 3 Cultivator Teeth..... 8 25

No. 17½ Single Wheel Hoe, has 2 Hoes and 3 Cultivator Teeth..... 7 10

No. 19 Single Wheel Hoe, as illustrated 5 75

No. 11 Double Wheel Hoe, has 2 Plows, 4 Hoes, 4 Cultivator Teeth, 2 Leaf Lifters and 4 Rakes..... 15 25

No. 12 Double Wheel Hoe, has 2 Plows, 2 Hoes, 4 Cultivator Teeth, and Leaf Lifters.. 11 75

No. 13 Double Wheel Hoe, has two 6-inch Hoes only..... 8 50

No. 90-12 Tooth Harrow, as illustrated (cast wheel)..... 18 75

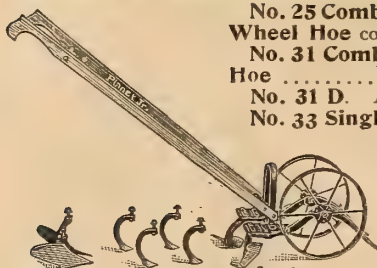
No. 90 B 12 Tooth Harrow, without Pulverizer (cast wheel).... 15 50

No. 8 Horse Hoe and Cultivator, with depth regulator and expander (cast wheel)..... 18 75

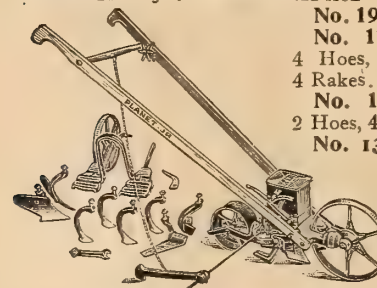
No. 9 Horse Hoe and Cultivator, plain, with wheel only (cast wheel)..... 16 00

Fire-Fly Hand Plow. A useful tool. Will make a furrow 4 to 6 inches wide and 1 to 3 inches deep. Splendid tool for the kitchen garden..... 3 75

Star Pulverizer...... 5 75



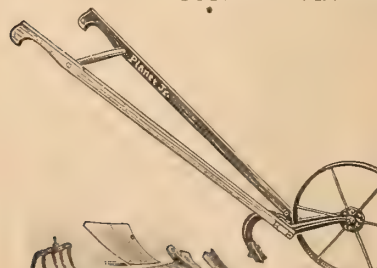
No. 12 PLANET JR., DOUBLE WHEEL HOE



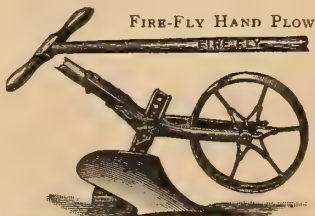
No. 25 PLANET JR. COMBINED HILL AND DRILL SEEDER AND DOUBLE WHEEL HOE



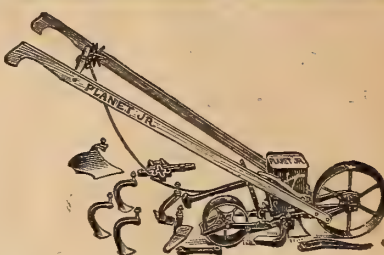
No. 31 PLANET JR. COMBINED DRILL SEEDER AND SINGLE WHEEL HOE



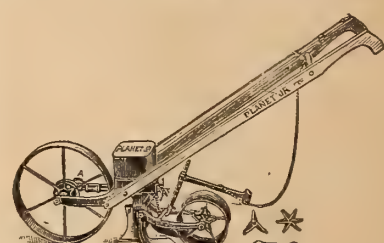
No. 19 PLANET SINGLE WHEEL HOE



FIRE-FLY HAND PLOW



No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER AND SINGLE WHEEL HOE



No. 3 PLANET JR. HILL AND DRILL SEEDER



No. 16 PLANET JR. SINGLE WHEEL HOE



No. 8 COMBINED HORSE HOE AND CULTIVATOR

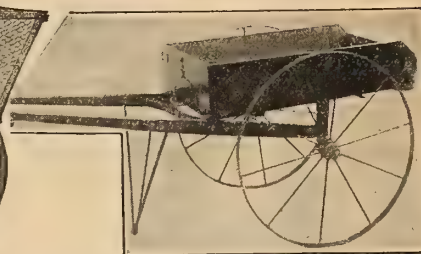


No. 90-12 TOOTH HARROW, CULTIVATOR AND PULVERIZER

The New Planet Jr. Catalogue

Mailed Free on Application

Prices on Tools and Sundries subject to change without notice



TRUCK AND HAND CART

Truck and Water Barrel.		Truck and Leaf Rack.		Truck and Hand Cart.	
With 1½ in. tires (steel wheels)...	\$21 50	With 1½ in. tires (steel wheels)...	\$28 50	With 1½ in. tires (steel wheels)...	\$21 00
" 2½ in. " " " ...	22 50	" 2½ in. " " " ...	29 50	" 2½ in. " " " ...	22 00
" 3½ in. " " " " ...	23 50	" 3½ in. " " " " ...	30 50	" 3½ in. " " " " ...	23 00
Extra barrels with trunnions. \$6.50; extra trunnions. 90 cts. a pair. Leaf Rack only, \$13.50; Hand Cart Box only, \$6.50.					

Truck and Hand Cart.

Extra barrels with trunnions, \$6.50; extra trunnions, 90 cts. a pair. Leaf Rack only, \$13.50; Hand Cart Box only, \$6.50.



This can be attached to any size wheelbarrow having removable sides. It is most convenient for gathering leaves, cut grass and rubbish. One of these should be in use on every small as well as large place. Has a capacity of 10 bushels; made of galvanized wire, bolted to a wooden base. It can readily be taken apart, occupying but little space when not in use.

Price.....\$7.50

(Write for descriptive circular.)

KEYSTONE LEAF RACK ATTACHMENT

No.	Drums	Diam.	Width	Empty	Water	Sand	Counterpoise
1420	1	14 inches	20 inches	46 lbs.	148 lbs.	227 lbs.	\$11 00
1424	1	14 "	23 "	49 "	171 "	260 "	11 85
1824	1	18 "	23 "	76 "	274 "	425 "	14 30
1827	1	18 "	27 "	80 "	320 "	497 "	15 15
1830	1	18 "	31 "	94 "	369 "	578 "	15 95
8-24	2	18 "	23 "	106 "	294 "	438 "	20 90
8-27	2	18 "	27 "	107 "	334 "	507 "	21 75
8-30	2	18 "	31 "	112 "	376 "	578 "	22 50
2424	1	23 "	23 "	94 "	418 "	665 "	17 60
2427	1	23 "	27 "	103 "	488 "	782 "	18 45
2430	1	23 "	31 "	116 "	565 "	902 "	19 25
4-24	2	23 "	23 "	135 "	443 "	680 "	24 20
4-27	2	23 "	27 "	142 "	513 "	796 "	25 30
4-30	2	23 "	31 "	152 "	583 "	912 "	26 95

Anyweight Adjustable Counterpoise Handle Equipment, \$3.00 extra.

We can Supply The Boss, Lawn, Large Field and Golf Rollers. A Full Descriptive Catalogue of Rollers on Application.

DREER'S IMPROVED KEYSTONE PLANT TUBS.

Made of white cedar, painted green and bound with strong electric welded wire hoops, which do not rust, durable, neat and attractive. A good tub at a moderate price.

PRICES IMPROVED KEYSTONE TUBS.

PRICES IN ROVED KILN				
No.	Outside Diam.	Inside Diam.	Length of Stave	Each
A...	11	10	12	\$1 70
" B...	12	11	12	1 95
" C...	13	12	13	2 20
" D...	14	13	14	2 50
" E...	15	14	14	3 00
" F...	16	15	15	3 50

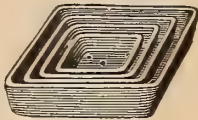
A detailed illustration of a large, cylindrical metal drum or barrel. It features a handle on the right side and a small latch or fitting on the left. The drum has a textured surface, possibly representing rivets or a weathered metal.

IMPROVED KEYSTONE
PLANT AND TREE TUR

Flower Pots, Saucers, Pans, Orchid Baskets and Vases



STANDARD FLOWER POTS



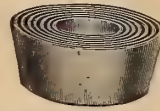
SEED PANS



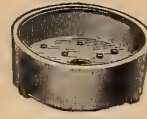
EARTHENWARE SAUCERS



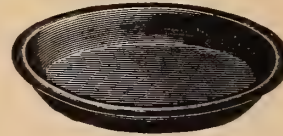
ROUND BULB OR LILY PANS



ROUND FERN PANS



FERN DISH LINER



WOOD FIBRE SAUCERS



WOOD FIBRE VASES

STANDARD FLOWER POTS.

Full inside measurement. No charge for packing. Six at dozen rates; 50 at 100 rates; 500 at 1000 rates.

SIZES.	EACH.	DOZEN.	100.	1000.	SIZES.	EACH.	DOZEN.	100.	1000.	SIZES.	EACH.	DOZEN.	100.
1 1/2 in.	\$0 02	\$0 12	\$0 90	\$8 25	4 in.	\$0 05	\$0 31	\$2 40	\$22 00	8 in.	\$0 20	\$2 02	\$15 60
2 "	2	12	90	8 25	4 1/2 "	5	42	3 24	29 70	9 "	30	3 12	24 00
2 1/2 "	2	14	1 02	9 35	5 "	6	56	4 32	39 60	10 "	42	4 21	32 40
3 "	2	16	1 20	11 00	5 1/2 "	7	70	5 40	49 50	11 "	60	6 24	48 00
3 1/2 "	2	21	1 56	14 30	6 "	9	84	6 48	59 40	12 "	83	8 58	66 00
3 3/4 "	3	25	1 92	17 60	6 1/2 "	11	1 12	8 64	79 20	14 "	1 35	14 04	108 00
3 1/2 "	4	29	2 16	19 80	7 "	14	1 40	10 80	99 00				

Flower Pot Saucers.

SIZES.	EACH.	DOZEN.	100.
4 in.	2 cts.	\$ 23 cts.	\$ 1 80
5 "	3 "	31 "	2 40
6 "	5 "	47 "	3 60
7 "	6 "	62 "	4 80
8 "	8 "	86 "	6 60
9 "	11 "	1 17 "	9 00
10 "	14 "	1 40 "	10 80
11 "	17 "	1 72 "	13 20
12 "	20 "	2 11 "	16 20
14 "	34 "	3 51 "	27 00

Round Bulb or Lily Pans.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
5 in.	3 in.	\$0 06	\$ 56	\$ 4 32
6 "	3 "	09	84	6 48
7 "	3 1/2 "	14	1 40	10 80
8 "	4 "	20	2 02	15 60
9 "	4 1/2 "	30	3 12	24 00
10 "	5 "	42	4 21	32 40
12 "	6 "	83	8 58	66 00
14 "	7 "	1 35	14 04	108 00
16 "	8 "	3 00	31 20	240 00

Fern Pans.

WIDTH.	HEIGHT.	EACH.	DOZEN.	100.
4 in.	1 1/8 in.	\$0 05	\$0 47	\$3 60
4 1/2 "	2 1/8 "	06	62	4 80
5 1/2 "	2 3/8 "	08	78	6 00
6 1/2 "	2 5/8 "	09	94	7 20
7 "	2 3/4 "	11	1 09	8 40
8 "	3 1/4 "	15	1 56	12 00
9 "	3 3/4 "	18	1 87	14 40

Fern Dish Liner.

7 in.	1 1/8 in.	\$0 14	doz.	\$1 40	100	\$10 80
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Square Seed Pans.

	EACH.	DOZ.
6 x 6 in.	\$0 75	\$7 80
8 x 8 "	1 00	10 45
10 x 10 "	1 26	13 10
12 x 12 "	1 50	15 60

Wood Fibre Vases.

For cut flowers; neat, attractive and waterproof.

No.	DIAM.	DEPTH.	EACH.	DOZEN.
0	8 in.	13 in.	\$1 66	\$19 00
1	5 1/2 "	10 "	1 32	15 20
2	4 1/2 "	9 "	1 16	13 30
3	4 "	6 "	96	10 97
4	3 "	4 1/2 "	75	8 55
00	9 1/2 "	22 "	5 80	66 50
01	7 "	20 "	3 17	36 10
11	5 1/2 "	18 "	1 80	20 52
22	4 1/2 "	15 "	1 38	16 15
33	4 "	12 "	1 16	13 30
44	3 "	9 "	96	10 97

Square Wood Orchid Basket.

Made of white cedar wood.

SIZE.	EACH.	DOZ.
6 x 6 in.	\$0 60	\$6 50
8 x 8 "	75	8 25
10 x 10 "	90	10 00
12 x 12 "	1 00	11 00

Wood Fibre Rolling Stands for Heavy Plants.

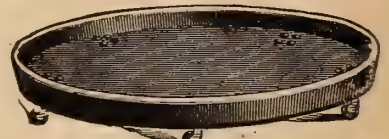
Takes tub diameter at bottom.

	EACH.	DOZEN.
12 in., for a 10 in.	\$1 00	\$11 40
14 "	1 25	14 25
16 "	1 67	19 00
18 "	2 00	22 80
20 "	2 50	28 50
22 "	3 00	34 20

Neponset Waterproof Paper Flower Pots

	DOZ.	PER 100	PER 1000		DOZ.	PER 100	PER 1000
2 1/4 inch pots	\$0 12	\$0 60	\$4 00	4 inch pots	\$0 25	\$1 30	\$10 50
2 1/2 "	15	70	4 50	5 "	40	2 00	17 50
3 "	18	85	7 00	6 "	50	2 75	25 00
3 1/2 "	20	1 15	9 00				

Send for Circular and Sample



WOOD FIBRE ROLLING STANDS



HOW TO ATTRACT and PROTECT BIRDS

SEND FOR

DREER'S

Booklet on Bird Houses

INSECTICIDES AND FUNGICIDES

Marked * can be sent by Parcel Post at Purchaser's expense. Consult your local Post Office for rate from Philadelphia

*** Ant Exterminator.** A powder for destroying ants in house, lawn or garden. $\frac{1}{2}$ lb., 25 cts.; $\frac{3}{4}$ lb., 50 cts.; 1 lb., \$1.00.

Antipest. (Carman's.) A liquid preparation for all insects. 1 qt., 60 cts.; $\frac{1}{2}$ gal., \$1.00; 1 gal., \$1.75.

Aphine. The insecticide that kills plant lice of every description; thrip and red spider; a strong nicotine extract; dilute one part to 40 parts of water. 1 qt. \$1.00; 1 gal., \$3.00.

Arsenate of Calcium. (Dry Powder.) A powerful arsenical poison for killing chewing insects. 1 lb., 60 cts.; 5 lbs., \$2.50; 10 lbs., \$4.50; 25 lbs., \$10.00; 50 lbs., \$18.00; 100 lbs., \$33.00.

Arsenate of Lead. (Paste.) The best of all arsenical insecticides; for leaf-eating insects; does not burn the foliage. Dilute 1 oz. to 1 gal. of water. Lb., 45 cts.; 5 lbs., \$2.00; 10 lbs., \$3.50; 25 lbs., \$6.50; 50 lbs., \$11.50; 100 lbs., \$21.00. Special price on large quantities.

Arsenate of Lead. (Dry Powdered.) Superior to paste arsenate, stands suspension longer and has more covering capacity. 1 lb., 65 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.50; 50 lbs., \$22.00; 100 lbs., \$39.50.

Arsenate of Zinc. (Dry Powder.) A quick-acting adhesive insecticide for Rose Bugs and Beetles on potatoes, tomatoes and other truck crops. 1 lb., 65 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.50; 50 lbs., \$22.00; 100 lbs., \$39.50.

Black Leaf 40. A concentrated nicotine solution for spraying. 1 oz., 25 cts.; $\frac{1}{2}$ lb., \$1.00; 2 lbs., \$3.25; 10 lbs., \$13.75.

Bordeaux Mixture. (Paste.) The supreme remedy against Fungus, Rust and Rot. Five ounces to 1 gal. of water is standard strength. 1 lb., 40 cts.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$7.00; 50 lbs., \$12.50; 100 lbs., \$23.00.

Bordeaux—Arsenate of Lead Mixture. (Paste.) A combined fungicide and insecticide. For Apple and Pear Trees, Potatoes, Melons and Cucumbers, also splendid for Roses, keeping them free of mildew, black spots and insects. Three ozs. to 1 gal. of water. 1 lb., 50 cts.; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$9.00; 50 lbs., \$17.00; 100 lbs., \$33.00.

Bordeaux Arsenate of Lead. (Dry Powder.) For general use on Apples, Grapes and Garden Truck. 1 lb., 60 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.00; 50 lbs., \$21.00; 100 lbs., \$40.00.

Bordeaux Mixture. (Liquid.) For all fungous diseases. By adding water it is ready for use. 1 qt., 60 cts.; 1 gal., \$1.50; 5 gal., \$6.50. One gallon will make 1 barrel of liquid.

Bordeaux Mixture. (Dry Powder.) For dusting plants affected with mildew and all fungous diseases. Can be used as a spray. 1 lb., 55 cts.; 5 lbs., \$2.50; 10 lbs., \$4.50; 25 lbs., \$10.50; 50 lbs., \$20.00; 100 lbs., \$38.00.

Bordeaux Zinc. (Dry Powder.) A combination insecticide and fungicide for Potatoes and Tomatoes. 1 lb., 60 cts.; 5 lbs., \$2.75; 10 lbs., \$5.00; 25 lbs., \$11.00; 50 lbs., \$21.00; 100 lbs., \$40.00.

*** Bug Death.** Used instead of Paris Green for eating insects on Potatoes, Cucumbers, Squash and Currants. 1 lb., 25 cts.; 3 lbs., 50 cts.; 5 lb., 75 cts.; 12 $\frac{1}{2}$ lbs., \$1.50; 100 lbs., \$9.00.

Cattle Comfort. Used as a spray; will relieve cattle, mules, horses and dogs from the effects of flies, gnats and mosquitoes. Qt. can, 75 cts.; gal. can, \$2.00; 5-gal. can, \$9.00.

Copper Solution. (Liquid.) For Fungus, Mildew, Leaf Blight, Rust and Black Rot. 1 qt., \$1.25; 1 gal., \$3.00.

*** Fir Tree Oil Soap.** For destroying mealy bugs, scale, aphid, red spider. $\frac{1}{2}$ -lb. can, 50 cts.; 2-lb. can, \$1.50.

Fungine. A remedy for fungus diseases of all kinds. 1 qt., \$1.00; 1 gal., \$3.00.

*** Grape Dust.** A powdered preparation for mold, mildew, or rust mites. 5 lbs., 90 cts.; 10 lbs., \$1.75; 25 lbs., \$4.00; 100 lbs., \$14.50.

*** Good's Caustic Potash Fish Oil Soap.** Recommended as a summer and winter wash for scale and all insects. 1 lb., 30 cts.; 5 lbs., \$1.25; 25 lbs., \$5.50. Write for quantity price.

Hellebore. For currant worms and sucking insects. $\frac{1}{4}$ lb., 20 cts.; $\frac{1}{2}$ lb., 35 cts.; 1 lb., 65 cts.; 5 lbs., \$3.00.

*** Insect Powder.** (Pure Dalmatian.) For roaches, ants, moths, fleas, etc. $\frac{1}{4}$ lb., 30 cts.; $\frac{1}{2}$ lb., 50 cts.; 1 lb., 90 cts.

*** Kerosene Emulsion.** (Paste.) Used as a summer wash against scale, plant lice and aphids. Dilute with water. Pound makes 10 gallons of spray, 30 cts.; 5 lbs., \$1.25; 25 lbs., \$5.00.

Kerosene Emulsion. Concentrated. (Liquid.) For Plant lice and aphids. Qt., 75 cts.; 1 gal., \$1.75; 5 gals., \$8.00.

Lemon Oil Co.'s Insecticide. For all insects and soft scale. One of the best known insecticides, having a pleasant odor; recommended for house plants. $\frac{1}{2}$ pt., 30 cts.; pt., 50 cts.; qt., 90 cts.; $\frac{1}{2}$ gal., \$1.50; gal., \$2.50; 5 gal., \$10.50.

Lime Sulphur Solution. A perfect scale and fungus destroyer, special for plum and peach trees, which need fall and spring treatment. Cures peach leaf curl. 1 qt., 60 cts.; $\frac{1}{2}$ gal., 90 cts.; 1 gal., \$1.25; 5 gals., \$4.75; 10 gals., \$7.00; $\frac{1}{2}$ bbl., \$11.00; bbl. of 50 gals., \$15.00. Write for quantity price.

Lime Sulphur. (Dry.) This combination is a most effective remedy for scale or fungus troubles, used in fall and winter; dilute with water. 1 lb., 30 cts.; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$4.75; 50 lbs., \$9.00; 100 lbs., \$15.00.

*** Nico Fume.** This is the strongest tobacco paper on the market. Does not injure blooms, and furnishes the easiest method for fumigation ever devised. Tin box of 24 sheets, \$1.25; box of 144 sheets, \$5.00; 288 sheets, \$9.50.

Nico Fume Liquid. An effective vaporizing liquid. $\frac{1}{4}$ lb., 65 cts.; 1 lb., \$2.00; 4 lbs., \$7.50; 8 lbs., \$14.50.

Paris Green. For potato bugs and other leaf-eating insects. Mix with Land Plaster, or use as a spray. $\frac{1}{2}$ lb., 35 cts.; 1 lb., 65 cts.; 5 lbs., \$3.00.

Pruning Compound. A specially prepared thick paint, with a rubber elastic film. Just the thing to use after pruning your trees. 1 qt., 60 cts.; 1 gal., \$2.00.

Pyrox. A combined insecticide and fungicide for all leaf-eating insects. Used largely by potato growers. 1 lb., 45 cts.; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$11.00; 100 lbs., \$20.00; 300 lbs., \$57.00.

*** Rat Corn.** Sure death to rats and mice; not poisonous to other animals. 25 cts., 50 cts. and \$1.00 size cans.

Readeana Rose Bug Exterminator. Dilute and apply as a spray. Harmless to the most delicate plant. Bottle, 30 cts., 50 cts., \$1.00; $\frac{1}{2}$ -gal. can, \$2.25; gal. can, \$4.00.

Scalecide. As a winter spray for scale. 1 gal., \$1.75; 5 gals., \$6.50; 10 gals., \$11.00; $\frac{1}{2}$ bbl., 30 gals., \$27.50. 1 Barrel, 50 gals., \$41.75.

Scale Destroyer. A liquid oil emulsion which remains on the trees, softening and killing scale, and keeping the bark in good condition. 1 gal., \$1.65; 5 gals., \$6.50; $\frac{1}{2}$ bbl., 30 gals., \$27.00; 1 bbl., 50 gals., \$41.00.

*** Slug Shot.** One of the cheapest and best powders for destroying insects, especially on Cabbage. 1-lb. carton, 20 cts.; 5 lbs., 55 cts.; 25 lbs., \$2.35; 50 lbs., \$4.50; 100 lbs., \$8.75.

Sulphide of Potassium. For mildew. Use $\frac{1}{2}$ ounce to 1 gal. water; 4-oz. bottles, \$1.00.

*** Sulphur, Powdered.** For mildew. Lb., 15 cts.; 5 lbs., 60 cts.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.00; 100 lbs., \$7.00.

*** Tobacco Dust.** For fumigating and dusting plants affected with aphids; also used on melons and squash. Coarse or fine. 1 lb., 10 cts.; 5 lbs., 35 cts.; 25 lbs., \$1.50; 100 lbs., \$5.00.

Tobacco Stems. For fumigating; also for covering lawns during the winter. It not only acts as a protector, but imparts large quantities of ammonia and drives away insects and moles. Small bale, \$1.50; large bale, \$3.25. Write for quantity price.

*** Tobacco Soap.** One of the best insecticides for general use, for washing and spraying plants. Pkg., 25 cts.; 10 lb. can, \$2.50.

*** Tree Tanglefoot.** The best remedy against caterpillars and all tree crawling insects. 1 lb., 50 cts.; 3 lbs., \$1.45; 10 lbs., \$4.50; 20 lbs., \$8.75; 25 lbs., \$10.50.

Weed Killer. The method of killing weeds thoroughly by application of this liquid has become general. Used only on paths, drives, gutters and places where no growth is wanted. One gallon makes 40 gallons of treating liquid. Price, 1 qt., 60 cts.; $\frac{1}{2}$ gal., 90 cts.; 1 gal., \$1.75; 5 gals., \$6.75; 10 gals., \$12.50; 30 gals., $\frac{1}{2}$ bbl., \$33.00; 50-gal. bbl., \$47.50.

*** Whale or Fish Oil Soap.** Used during the summer as a wash, thus preventing the spread of scale. 1 lb., 25 cts.; 5 lbs., \$1.00. Special prices on large quantities.

Worm Eradicator. For removing worms of any kind in greenhouse and plants, etc. Bottle, 50 cts. and \$1.00.

Owing to the Scarcity of Chemicals, Prices on Insecticides and Fungicides Subject to Change Without Notice

FERTILIZERS FOR FARM, LAWN, GARDEN AND GREENHOUSE

All Fertilizers delivered free on board Philadelphia. Prices subject to change without notice.

Dreer's "Peerless" Plant Food for House Plants. The best Plant Food on the market. May be used either dry or liquid. Put up in $\frac{1}{2}$ and 1-lb packages. Directions with each package. 15 cts. and 25 cts.; by mail, 25 cts. and 40 cts. *Registered in Pennsylvania.*

Dreer's "Peerless" Plant Food for Lawn and Garden. A high grade fertilizer. Apply at any time during Spring or Fall. It will restore lawns to full luxuriance, and acts quickly on the vegetable garden, where it can be applied any time during the growing season. 5 lbs., 65 cts.; 10 lbs., \$1.00; 25 lbs., \$1.75; 50 lbs., \$3.00; 100 lbs., \$5.00; 200 lbs., \$9.00.

Blood. (Dried.) One of the quickest acting fertilizers, being immediately soluble. 5 lbs., 75 cts.; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.50.

Bone Flour. Ground very fine, excellent for pot plants or beds where an immediate effect is wanted. 5 lbs., 40 cts.; 100 lbs., \$4.00; 200 lbs., \$7.50; ton, \$70.00.

Pure Bone Meal. A fertilizer for all purposes, safe and effective. 3 lbs., 25 cts.; 5 lbs., 35 cts.; 10 lbs., 65 cts.; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.75; 200 lbs., \$7.25; ton, \$67.50.

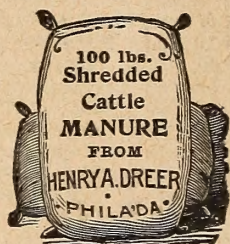
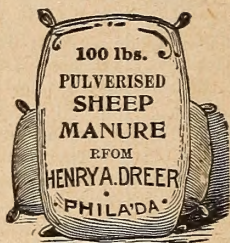
Cattle or Cow Manure, Shredded. We are now offering this manure put up in sacks for convenient handling. For garden, lawn and greenhouse, and especially good to mix with compost and for water lilies. 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$26.00; per ton, \$50.00.

Corn and Oats Fertilizer. This contains the necessary ingredients for increasing the yield of corn and oats. Sack of 200 lbs., \$5.00; ton, \$45.00.

General Crop Grower. (*Trucker's Favorite.*) This is a combination brand of fertilizer containing Ammonia, Phos. Acid and Potash. Sack of 200 lbs., \$5.00; ton, \$45.00.

Humus. Nature's food plant. Used as a top dressing, or mixed with the soil when making a lawn or garden. Apply 5 to 10 tons per acre. 100 lbs., \$1.75; 500 lbs., \$8.25; 1000 lbs., \$15.00; ton, \$25.00. Write for quantity price.

Land Plaster. For composing or mixing with manure, and used as a filler to be mixed with Paris Green. 100 lbs., \$1.75; 200 lbs., \$3.00; ton, \$25.00.



Hardwood Ashes. Indispensable as a lawn dressing, or to apply to orchards. Should be applied late in fall or early spring at the rate of 1000 to 2000 lbs. per acre. 5 lbs., 25 cts.; 10 lbs., 40 cts.; 25 lbs., 85 cts.; 50 lbs., \$1.50; 100 lbs., \$2.25; per bbl., \$3.50; per ton, \$30.00.

Lime. (*Powdered.*) For awn and field use where the ground has become sour. We can furnish Hydrated Lime or Pulverized Limestone. 100 lbs., \$1.75; ton, \$25.00. Write for quantity price.

Nitrate of Soda. A fertilizer for all crops. Quick in action and hastens maturity of crops. Should not be applied until the plants are above ground, when 200 to 500 lbs. mixed with land plaster is sufficient, per acre. 5 lbs., 7 cts.; 25 lbs., \$2.25; 50 lbs., \$3.75; 100 lbs., 6.50.

Phosphate. (*High Grade Acid Phosphate.*) Sack of 200 lbs., \$3.50; ton, \$30.00.

Potato Manure. A fertilizer for all root crops. 100 lbs., \$3.25; 200 lbs., \$6.00; ton, \$55.00.

Special Vegetable Fertilizer. A general fertilizer for all crops, including grass and grains. 100 lbs., \$4.00; 200 lbs., \$7.50; ton, \$70.00.

Poudrette (*Native Guano.*) Contains all the elements necessary for plant life; used extensively by market gardeners. An excellent lawn top dressing. Per 100 lbs., \$2.50; 200 lbs., \$4.00; 1000 lbs., \$17.50; per ton, \$32.50.

Salt, Agricultural. For top dressing lawns and killing weeds. Apply early in the spring, 800 to 1000 lbs. per acre. 200 lbs., \$3.00; per ton, \$25.00.

Sheep Manure, Pulverized. (*Wizard Brand.*) A pure natural manure, unequalled for mixing with potting soil, for lawns, general vegetable and flower garden, or for making liquid manure where quick as well as lasting results are wanted. 2-lb. package, 20 cts.; 5 lbs., 35 cts.; 10 lbs., 60 cts.; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.00; 1000 lbs., \$26.00; ton, \$50.00.

Tobacco Stems. An indispensable lawn covering for winter. It not only acts as a protector, but imparts large quantities of ammonia, and drives away insects and moles. Small bale, \$1.50; large bale, \$3.25. Write for quantity price.

Grain and Grass Fertilizer. This brand contains all the necessary elements for the growth of all grain and grass. Sack of 200 lbs., \$5.00; ton, \$45.00.

Mulford Cultures for Inoculating Legumes

The use of some form of inoculating material on seed of leguminous plants is rapidly becoming general among progressive and practical planters. The profitable and beneficial effects of this practice has been thoroughly demonstrated.

The legumes are the pod-bearing plants, of which beans, peas, alfalfa, clover, vetch, etc., are the better known. They are the only plants, as a class, that can assimilate the nitrogen of the air as a part of their food (which action is entirely due to the association of nitrogen-fixing bacteria), thereby stimulating their own growth and greatly enriching the soil in the valuable element of nitrogen, when they decay. For these reasons the legumes have recently come into great agricultural prominence.

The legumes differ from other plants, chiefly in that when grown under suitable soil conditions, have on their roots a number of tubercle or nodules, which are caused by the activities of the nitrogen-fixing bacteria. The bacteria in these nodules have the peculiar property of fixing or assimilating nitrogen from the air and of converting it into nitrate form suitable and available as food for the plants.

Do not expect the use of Mulford Cultures to take the place of careful soil preparation or the proper attention to the crop. Mulford Cultures will give their best results when everything

possible has been done in every other way to make the crop a success. Inoculation is not a miracle worker, but is simply an aid to Nature, furnishing the young plant at the very outset with a supply of the proper nitrogen fixing bacteria.

Mulford Cultures for legumes are very easy to use, no special knowledge being required. It is only necessary to add water to the bottle (which is intentionally only about one-fourth filled), shake well, and then dampen with this mixture the seeds or soil, which will not interfere with planting.

The half-garden size (25c. bottles) are put up in this Size for Sweet Peas, Garden Beans, Garden Peas and Lima Beans only. The larger size bottles can be furnished for use on any of the following legumes:

Alfalfa,	Red Clover,	Soy Beans,	Sweet Peas,
Crimson Clover,	Alsike Clover,	Canada Field,	Garden Peas,
Sweet Clover,	Burr Clover,	Peas,	
White Clover,	Cow Peas,	Peanuts,	Garden Beans,
Velvet Beans,	Lupins,	Vetch,	Lima Beans,

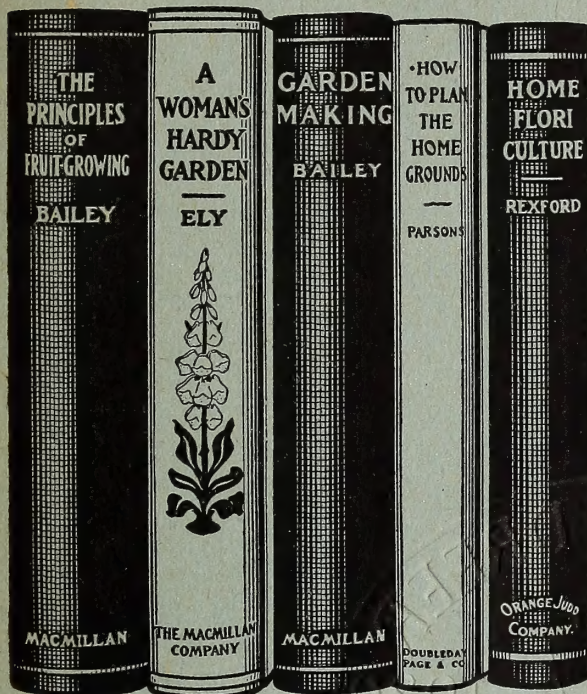
It is necessary to get the proper kind of Culture for the particular kind of seed to be treated. For example, the Culture for Sweet Peas would be useless for anything else.

Price. Half-garden size, enough for $\frac{1}{2}$ acre, \$0 25 | One Acre Size, \$1 50 }
Garden Size, " " " 0 50 | Five " " 5 00 }

Booklet giving full information mailed free on application.

BOOKS on Horticultural and Kindred Subjects

ALL BOOKS SENT POSTPAID AT PRICES GIVEN



A Woman's Hardy Garden (Mrs. Ely). One of the most popular and helpful books for the amateur, beautifully illustrated.....	\$1 75
Amateur's Practical Garden Book. Contains the simplest directions for the growing of the commonest things about the house and garden.....	1 10
Asparagus. Its culture for home use and for market.....	65
Berry Book (Biggle's). All small fruits are treated in this complete little book.....	50
Bulbs, Hints on the Growing of (Dreer). Tells how to grow both spring and summer flowering bulbs.....	25
Cabbage, Cauliflower and Allied Vegetables (Allen). Tells all about them, from seedtime to harvest.....	65
Carnation Culture (Dick). Practical guide to modern methods of growing Carnations.....	1 50
Chrysanthemum Manual (Revised Edition). A complete guide to the culture of this popular flower.....	60
Celery Culture. Complete in every detail, from sowing the seed for a few plants to handling carload lots.....	65
Continuous Bloom in America (Shelton). Solves the problem of how to keep a garden in flower from early spring to late autumn.....	2 50
Farm and Garden Rule Book. A manual of useful ready rules and reference.....	2 00
Fertilizers (Voorhees). The source, character and composition of natural, home-made and manufactured fertilizers and how to use them.....	1 50
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Flowers, How to Grow Them (Rexford). A splendid book for beginners.....	50
Fruit Growing, Principles of (Bailey). Revised, new edition, presenting the most approved methods of American growers..	2 00
Garden-making (Bailey). Suggestions for the utilizing of home grounds.....	1 75

Garden Planning (W. S. Rogers). Especially designed to help the maker of small gardens who wants to start properly.....	\$1 25
Garden Guide (Amateur Gardeners' Handbook). Tells how to plan, plant and maintain the home grounds, how to grow vegetables, fruits, flowers, etc.....	75
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Greenhouse Construction (Taft). Complete treatise on the subject.....	1 75
Handbook of Plants (Henderson). A dictionary of plants with valuable cultural hints for important sorts.....	3 00
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How to Plan the Home Grounds (Parsons). Instructions for beautifying the home grounds, large or small.....	1 00
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Mushroom Growing (Duggar). The latest work on this subject; the information contained in this book is reliable and up to date	1 60
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Plant Culture (Oliver). A new and enlarged edition of this splendid handbook of everyday practice for the florist and gardener.....	1 65
Potato Culture (Fraser). The most reliable and authoritative book on the potato published.....	80
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Practical Landscape Gardening (Cridland). Of particular value to the owner of the moderate sized suburban home. Nicely illustrated.....	1 75
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